Approved Strategic Plan Update FY 2001 - FY 2005 for Information Management in the Office of Science

Strategic Planning & Architecture
Ted Griffin, SC-621
301-903-4602

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Strategic Plan Overview

The Information Management (IM) *Strategic Plan* for the Department of Energy's Office of Science is an agreement between the IM Team and our customers. It establishes the target for IM products and services to be delivered over a five year period. We update it annually to help achieve our two goals: to provide effective IM services and to enable our customers to perform their work more effectively using these services. This update covers FY 2001 through FY 2005.

Once approved by the IM Board, this updated Plan will be used as the sole basis for the development of the FY2001 IM budget and Operating Plan (also approved by the IM Board). Requirements, scope, schedules, and delivery plans will then be refined in collaboration with our customers throughout FY2001 to help ensure that products and services are delivered effectively and accomplish their intended purpose.

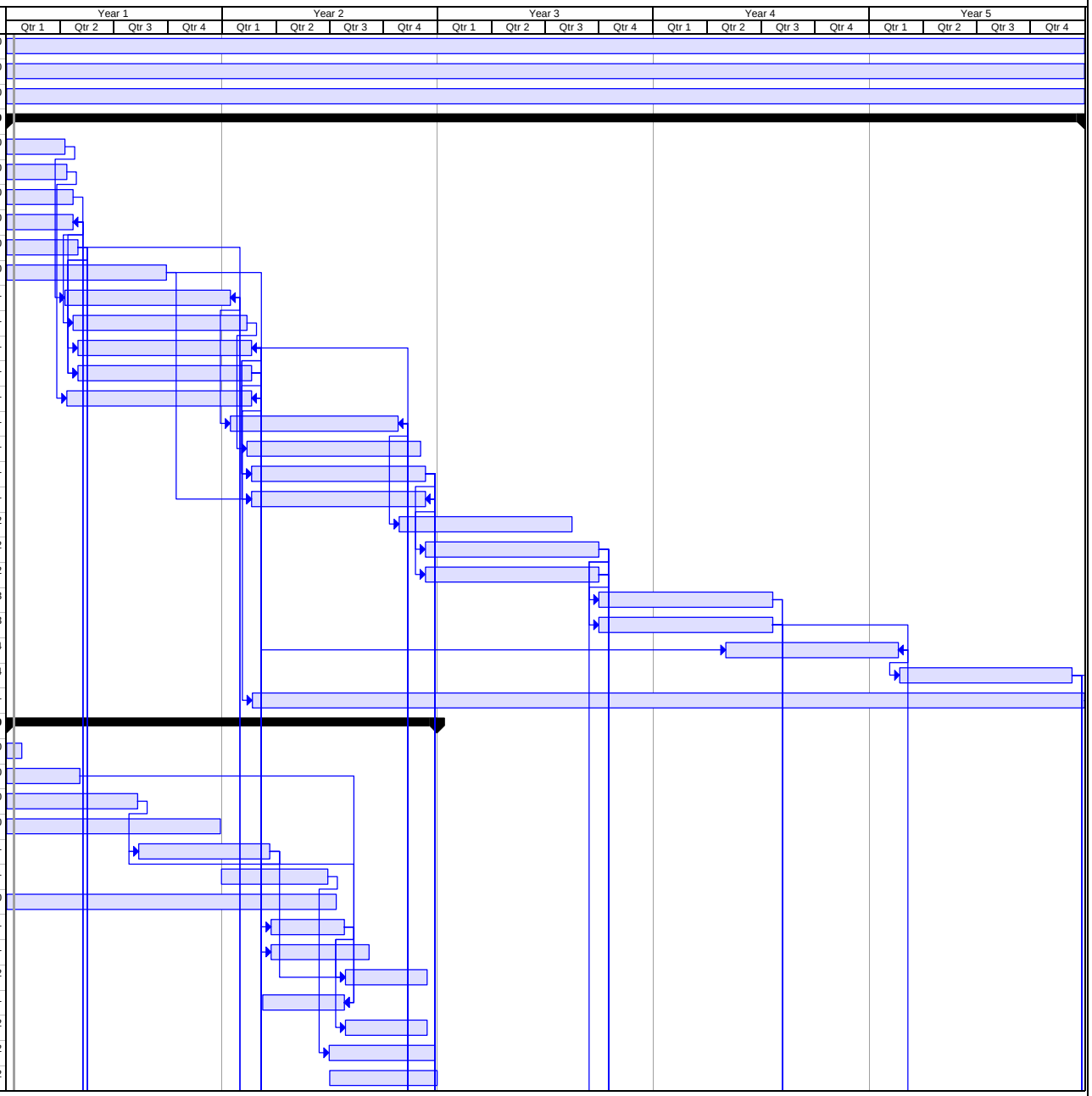
This Strategic Plan is organized in nine parts:

Section	Description
Table of Contents	List of the Strategic Plan contents
Strategic Plan Overview	Provides a general description of the Strategic Plan and its contents
Strategic Plan Schedule	Provides a target schedule for the delivery of IM products and services presented in two separate views: • Sorted by delivery date • Sorted by task name
Strategic Plan Narratives	Provides a general description of each line item in the Schedule
Detailed Package Descriptions	Provides a detailed description of each Development Project line item in the Schedule
Proposed Technology Projects	Provides a detailed description of each Technology Project line item in the Schedule.
New Strategic Plan Capabilities	Provides a list and a description of all new “capabilities” added to the Development Projects.
Dependency Diagrams	Provides two diagrams illustrating the dependencies between • Development Projects • Technology Projects
Development Project / Retirement Project Relationships	Provides relationships between retirement projects and each applicable development package.

The preparation of this document was coordinated by the Office of Science's Strategic Planning and Architecture team (SPA). Questions may be addressed to: Ted Griffin, SC-621; Phone: (301) 903-4602.

Strategic Plan Sorted by Delivery Date
FY 2001 - 2005

ID	Task Name	Duration	Start
1	**Strategic Planning and Architecture**	1305 days	Mon 10/2/00
2	**Production**	1305 days	Mon 10/2/00
3	**Program Management**	1305 days	Mon 10/2/00
4	**Development Projects**	**1305 days**	**Mon 10/2/00**
19	Execution Work Management Package V1.1	71 days	Mon 10/2/00
25	Worksheet Exchange Package V 1.0	74 days	Mon 10/2/00
7	Support Services Package V 1.0	81 days	Mon 10/2/00
8	Intranet Package V 1.0	81 days	Mon 10/2/00
5	Reference Package V 1.1	87 days	Mon 10/2/00
13	Management Package V 1.0	195 days	Mon 10/2/00
20	Execution Work Management Package V 2.0	200 days	Tue 1/9/01
21	Intranet Package V 2.0	210 days	Tue 1/23/01
6	Reference Package V 2.0	210 days	Wed 1/31/01
9	Support Services Package V 1.1	210 days	Wed 1/31/01
26	Worksheet Exchange Package V 2.0	223 days	Fri 1/12/01
22	Execution Work Management Package V 3.0	204 days	Tue 10/16/01
23	Intranet Package V 3.0	210 days	Tue 11/13/01
10	Support Services Package V 2.0	210 days	Wed 11/21/01
14	Management Package V 2.0	210 days	Wed 11/21/01
24	Execution Work Management Package V 3.1	210 days	Mon 7/29/02
11	Support Services Package V 3.0	210 days	Wed 9/11/02
15	Management Package V 3.0	210 days	Wed 9/11/02
12	Support Services Package V 4.0	210 days	Wed 7/2/03
16	Management Package V 4.0	210 days	Wed 7/2/03
17	Human Resources Package V 1.0	210 days	Mon 2/2/04
18	Human Resources Package V 2.0	210 days	Mon 11/22/04
27	Worksheet Exchange Package V 3.0	1007 days	Thu 11/22/01
28	**Technology Projects**	**521 days**	**Mon 10/2/00**
29	MS Office 2000 and Project 2000 Upgrades	4 wks	Mon 10/2/00
30	Graphics Toolset	18 wks	Mon 10/2/00
31	Windows 2000 Workstation Deployment	32 wks	Mon 10/2/00
32	Retire Desktop Hardware and Software	52 wks	Mon 10/2/00
33	Network Redesign for Web-Enabled Applications	32 wks	Mon 5/14/01
34	Windows 2000 Server Upgrade	26 wks	Mon 10/1/01
35	Cyber Security Implementation	80 wks	Mon 10/2/00
36	Multimedia Toolset	18 wks	Mon 12/24/01
37	Decision Support System	24 wks	Mon 12/24/01
38	Streaming Media Infrastructure Support	20 wks	Mon 4/29/02
39	Document and Multimedia Management Infrastructure	20 wks	Mon 12/10/01
40	Desktop Conferencing	20 wks	Mon 4/29/02
41	Exchange Platinum Upgrade	26 wks	Mon 4/1/02
42	Citrix Upgrade	26 wks	Tue 4/2/02



Project: FY 2000 - 2004 Strategic Plan
Date: Fri 10/13/00

Task
Split
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Rolled Up Split
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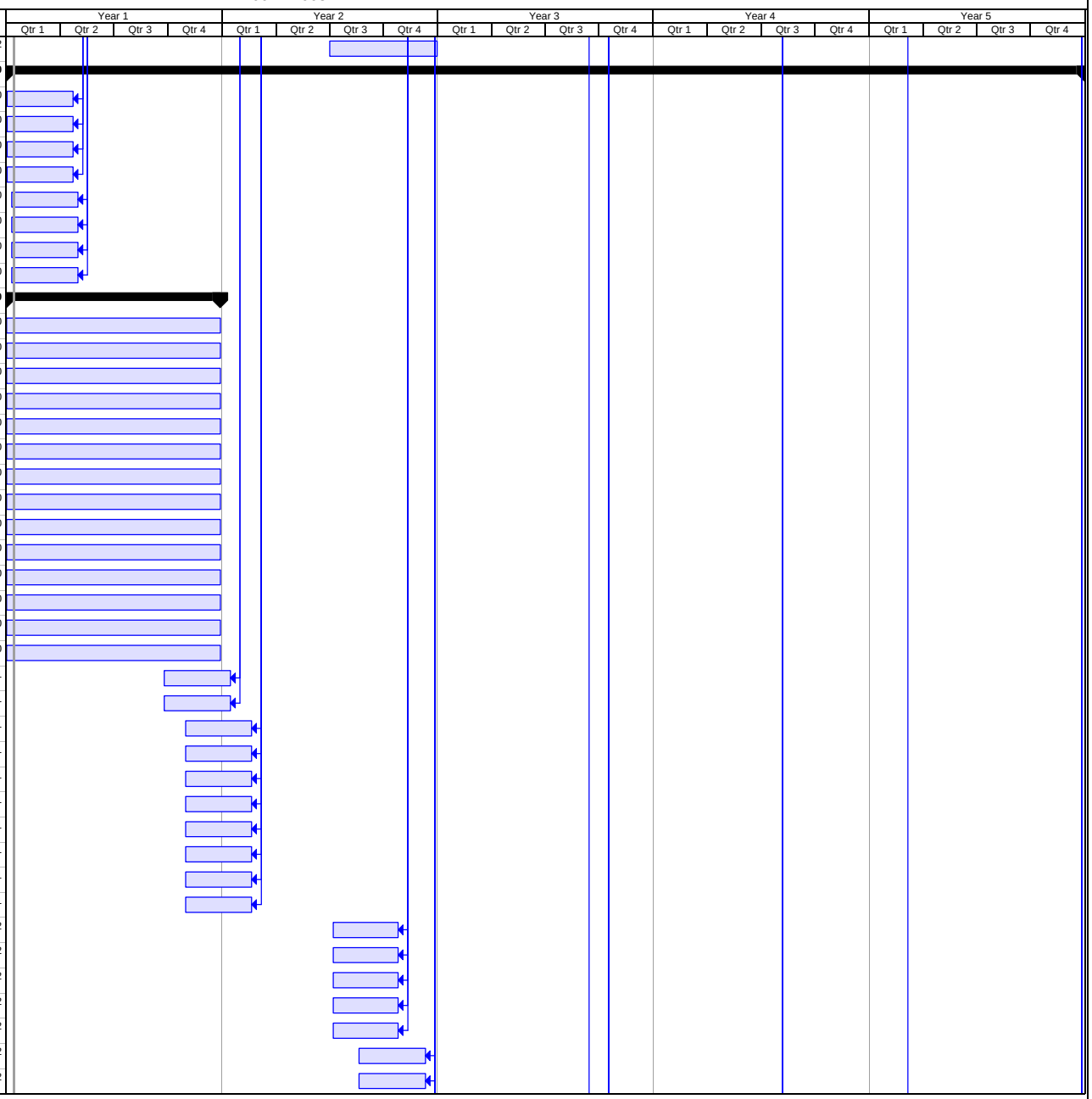
Strategic Plan Sorted by Delivery Date
FY 2001 - 2005

ID	Task Name	Duration	Start
43	Active Directory Implementation	26 wks	Tue 4/2/02
44	**Retirement Projects**	**1305 days**	**Mon 10/2/00**
48	Daytimer	16 wks	Tue 10/3/00
63	DOE-POPLIST	16 wks	Tue 10/3/00
112	LABELS	16 wks	Tue 10/3/00
116	PHONE-ER	16 wks	Tue 10/3/00
46	APPR	16 wks	Wed 10/11/00
47	BBOOK	16 wks	Wed 10/11/00
50	DOE-ADDS	16 wks	Wed 10/11/00
57	DOE-ETA	16 wks	Wed 10/11/00
124	**Survey 14 Systems For More Information**	**260 days**	**Mon 10/2/00**
125	DOE-Callup	52 wks	Mon 10/2/00
126	DOE-EDI	52 wks	Mon 10/2/00
127	DOE-EIS	52 wks	Mon 10/2/00
128	DOE-FDS	52 wks	Mon 10/2/00
129	DOE-FIS	52 wks	Mon 10/2/00
130	DOE-GILS	52 wks	Mon 10/2/00
131	DOE-GISAFI	52 wks	Mon 10/2/00
132	DOE-IMAP	52 wks	Mon 10/2/00
133	DOE-MARS	52 wks	Mon 10/2/00
134	DOE-R&D	52 wks	Mon 10/2/00
135	DOE-WFIS	52 wks	Mon 10/2/00
136	DTS	52 wks	Mon 10/2/00
137	ER-PATS	52 wks	Mon 10/2/00
138	IPA	52 wks	Mon 10/2/00
69	ER15GRANT	16 wks	Tue 6/26/01
101	ER74RCESRS	16 wks	Tue 6/26/01
45	ACTION	16 wks	Wed 8/1/01
54	DOE-EMPRIS	16 wks	Wed 8/1/01
58	DOE-FIMS	16 wks	Wed 8/1/01
77	ER32AIL	16 wks	Wed 8/1/01
104	ERATS	16 wks	Wed 8/1/01
110	KEYWORD	16 wks	Wed 8/1/01
118	ROUTSLIP	16 wks	Wed 8/1/01
119	SAM	16 wks	Wed 8/1/01
100	ER74PADB	16 wks	Mon 4/8/02
102	ER74RCSS	16 wks	Mon 4/8/02
113	LAS	16 wks	Mon 4/8/02
114	LDRD	16 wks	Mon 4/8/02
121	SBIRMAIL	16 wks	Mon 4/8/02
49	DOCLOG	16 wks	Wed 5/22/02
56	DOE-ESDOCS	16 wks	Wed 5/22/02



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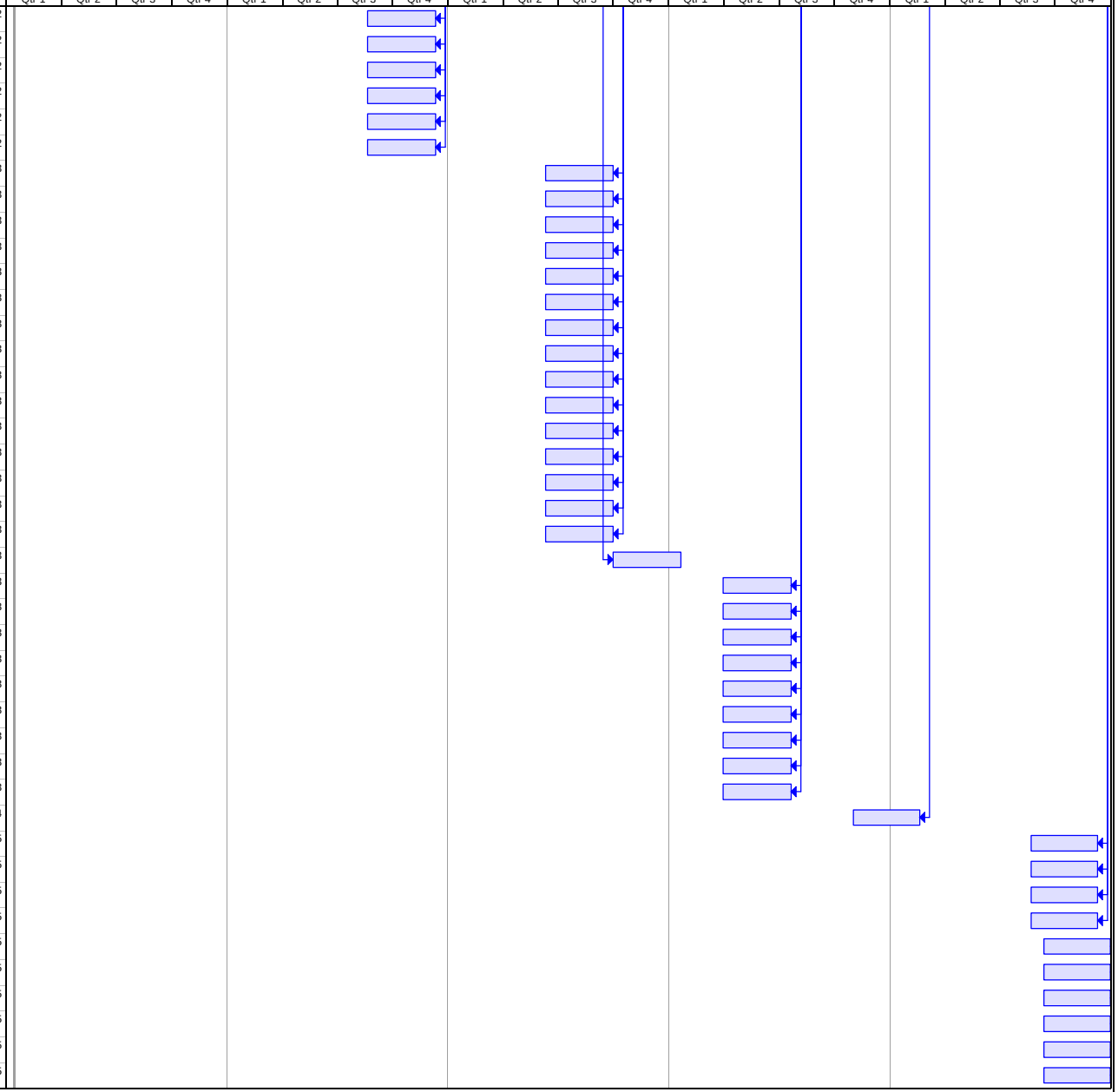
Task | Progress | Summary | Rolled Up Split | Rolled Up Progress | Project Summary
Split | Milestone | Rolled Up Task | Rolled Up Milestone | External Tasks

Strategic Plan Sorted by Delivery Date
FY 2001 - 2005

ID	Task Name	Duration	Start
79	ER32LTRTT	16 wks	Wed 5/22/02
81	ER4IBCT	16 wks	Wed 5/22/02
93	ER70CONTACT	16 wks	Wed 5/22/02
97	ER74GCDB	16 wks	Wed 5/22/02
98	ER74HPAL	16 wks	Wed 5/22/02
107	Helpdesk	16 wks	Wed 5/22/02
52	DOE-DISCAS	16 wks	Wed 3/12/03
61	DOE-PAMS	16 wks	Wed 3/12/03
67	ER14ALBUDGET	16 wks	Wed 3/12/03
68	ER14ALDBBUDGET	16 wks	Wed 3/12/03
72	ER222RWBUDGET	16 wks	Wed 3/12/03
75	ER22UCIP	16 wks	Wed 3/12/03
80	ER32SSC	16 wks	Wed 3/12/03
89	ER63BUDGET	16 wks	Wed 3/12/03
90	ER63DHBUDGET	16 wks	Wed 3/12/03
91	ER63JCBUDGET	16 wks	Wed 3/12/03
99	ER74IAPB	16 wks	Wed 3/12/03
103	ER8CONTRACT	16 wks	Wed 3/12/03
105	ERCAL	16 wks	Wed 3/12/03
108	INVEN	16 wks	Wed 3/12/03
109	IPS	16 wks	Wed 3/12/03
60	DOE-FTMS	16 wks	Wed 7/2/03
64	DOE-TM	16 wks	Wed 12/31/03
65	EPIC	16 wks	Wed 12/31/03
82	ER52TICKLER	16 wks	Wed 12/31/03
85	ER55HOMEPG	16 wks	Wed 12/31/03
95	ER72HSRD	16 wks	Wed 12/31/03
117	RIMS	16 wks	Wed 12/31/03
120	SBIR	16 wks	Wed 12/31/03
122	STTR	16 wks	Wed 12/31/03
123	VMS	16 wks	Wed 12/31/03
111	Lab-Base	16 wks	Mon 8/2/04
51	DOE-CHRIS	16 wks	Mon 5/23/05
53	DOE-DTIS	16 wks	Mon 5/23/05
62	DOE-PAYPERS	16 wks	Mon 5/23/05
115	OMAIS	16 wks	Mon 5/23/05
55	DOE-ES&HMP	16 wks	Mon 6/13/05
59	DOE-FINWAREHOUSE	16 wks	Mon 6/13/05
66	ER13GRANT	16 wks	Mon 6/13/05
70	ER222BUDGET	16 wks	Mon 6/13/05
71	ER222HEPBUDGET	16 wks	Mon 6/13/05
73	ER222RWBUDGETPLN	16 wks	Mon 6/13/05



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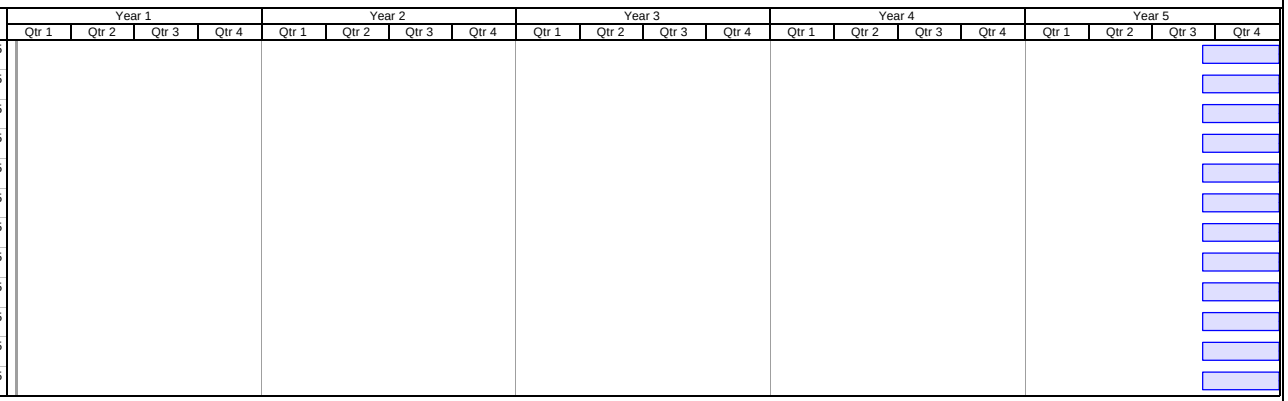
Strategic Plan Sorted by Delivery Date
FY 2001 - 2005

ID	Task Name	Duration	Start
74	ER224HEPWAT	16 wks	Mon 6/13/05
76	ER31AMISCFORM	16 wks	Mon 6/13/05
78	ER32LTRBUDGET	16 wks	Mon 6/13/05
83	ER53BUDGET	16 wks	Mon 6/13/05
84	ER55BUDGET	16 wks	Mon 6/13/05
86	ER55SDBUDGET	16 wks	Mon 6/13/05
87	ER55TOKBUDGET	16 wks	Mon 6/13/05
88	ER63ACBUDGET	16 wks	Mon 6/13/05
92	ER70BUDGET	16 wks	Mon 6/13/05
94	ER72CORE	16 wks	Mon 6/13/05
96	ER74ESDBUDGET	16 wks	Mon 6/13/05
106	FMIS	16 wks	Mon 6/13/05



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ID	Task Name	Duration	Start
4	**Development Projects**	**1305 days**	**Mon 10/02/00**
19	Execution Work Management Package V1.1	71 days	Mon 10/02/00
20	Execution Work Management Package V 2.0	200 days	Tue 01/09/01
22	Execution Work Management Package V 3.0	204 days	Tue 10/16/01
24	Execution Work Management Package V 3.1	210 days	Mon 07/29/02
17	Human Resources Package V 1.0	210 days	Mon 02/02/04
18	Human Resources Package V 2.0	210 days	Mon 11/22/04
8	Intranet Package V 1.0	81 days	Mon 10/02/00
21	Intranet Package V 2.0	210 days	Tue 01/23/01
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15	Management Package V 3.0	210 days	Wed 09/11/02
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5	Reference Package V 1.1	87 days	Mon 10/02/00
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25	Worksheet Exchange Package V 1.0	74 days	Mon 10/02/00
26	Worksheet Exchange Package V 2.0	223 days	Fri 01/12/01
27	Worksheet Exchange Package V 3.0	1007 days	Thu 11/22/01
2	**Production**	1305 days	Mon 10/02/00
3	**Program Management**	1305 days	Mon 10/02/00
44	**Retirement Projects**	**1305 days**	**Mon 10/02/00**
45	ACTION	16 wks	Wed 08/01/01
46	APPR	16 wks	Wed 10/11/00
47	BBOOK	16 wks	Wed 10/11/00
48	Daytimer	16 wks	Tue 10/03/00
49	DOCLOG	16 wks	Wed 05/22/02
50	DOE-ADDS	16 wks	Wed 10/11/00
51	DOE-CHRIS	16 wks	Mon 05/23/05
52	DOE-DISCAS	16 wks	Wed 03/12/03
53	DOE-DTIS	16 wks	Mon 05/23/05
54	DOE-EMPRIS	16 wks	Wed 08/01/01
55	DOE-ES&HMP	16 wks	Mon 06/13/05
56	DOE-ESDOCS	16 wks	Wed 05/22/02
57	DOE-ETA	16 wks	Wed 10/11/00
58	DOE-FIMS	16 wks	Wed 08/01/01
59	DOE-FINWAREHOUSE	16 wks	Mon 06/13/05
60	DOE-FTMS	16 wks	Wed 07/02/03
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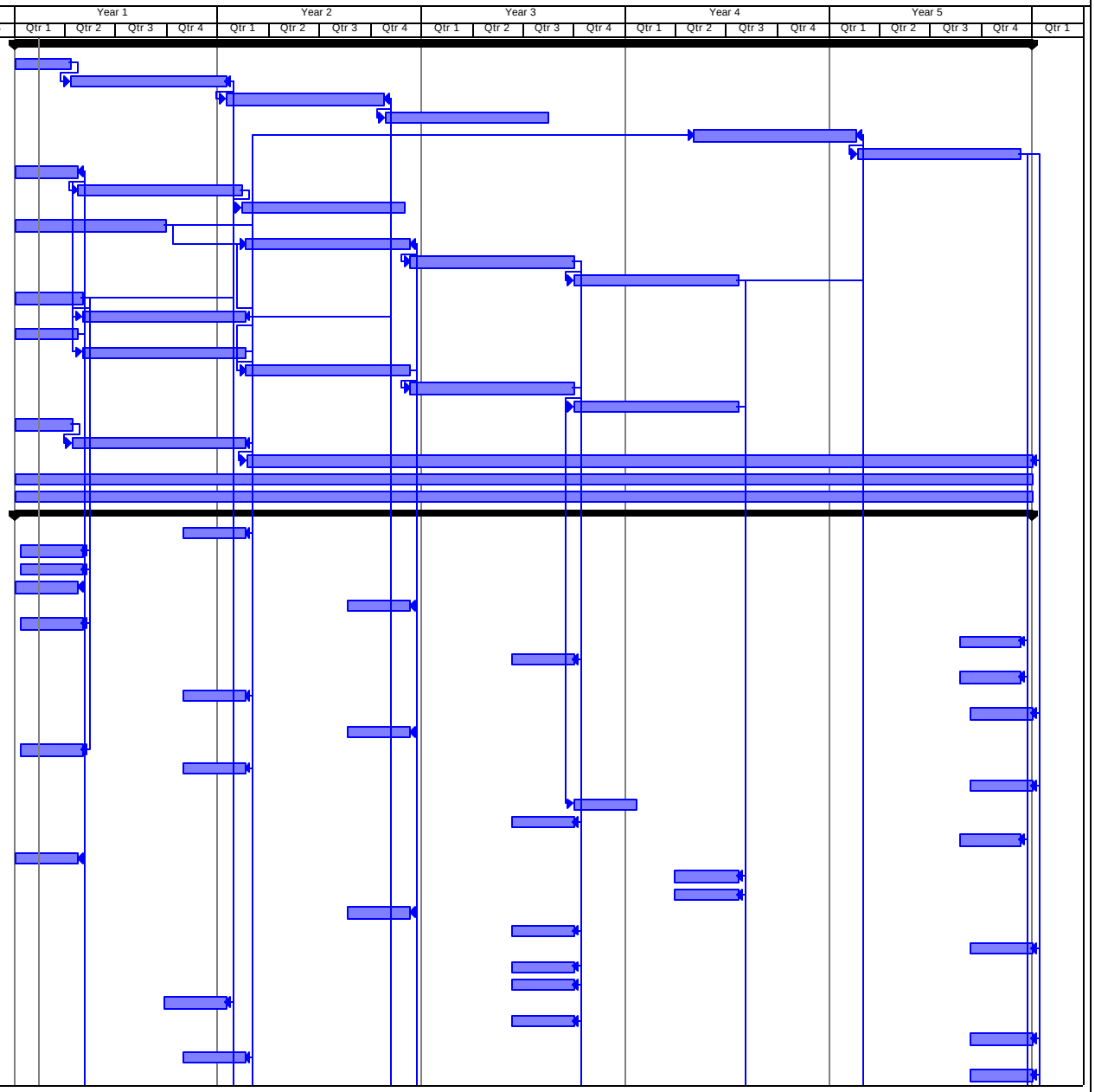

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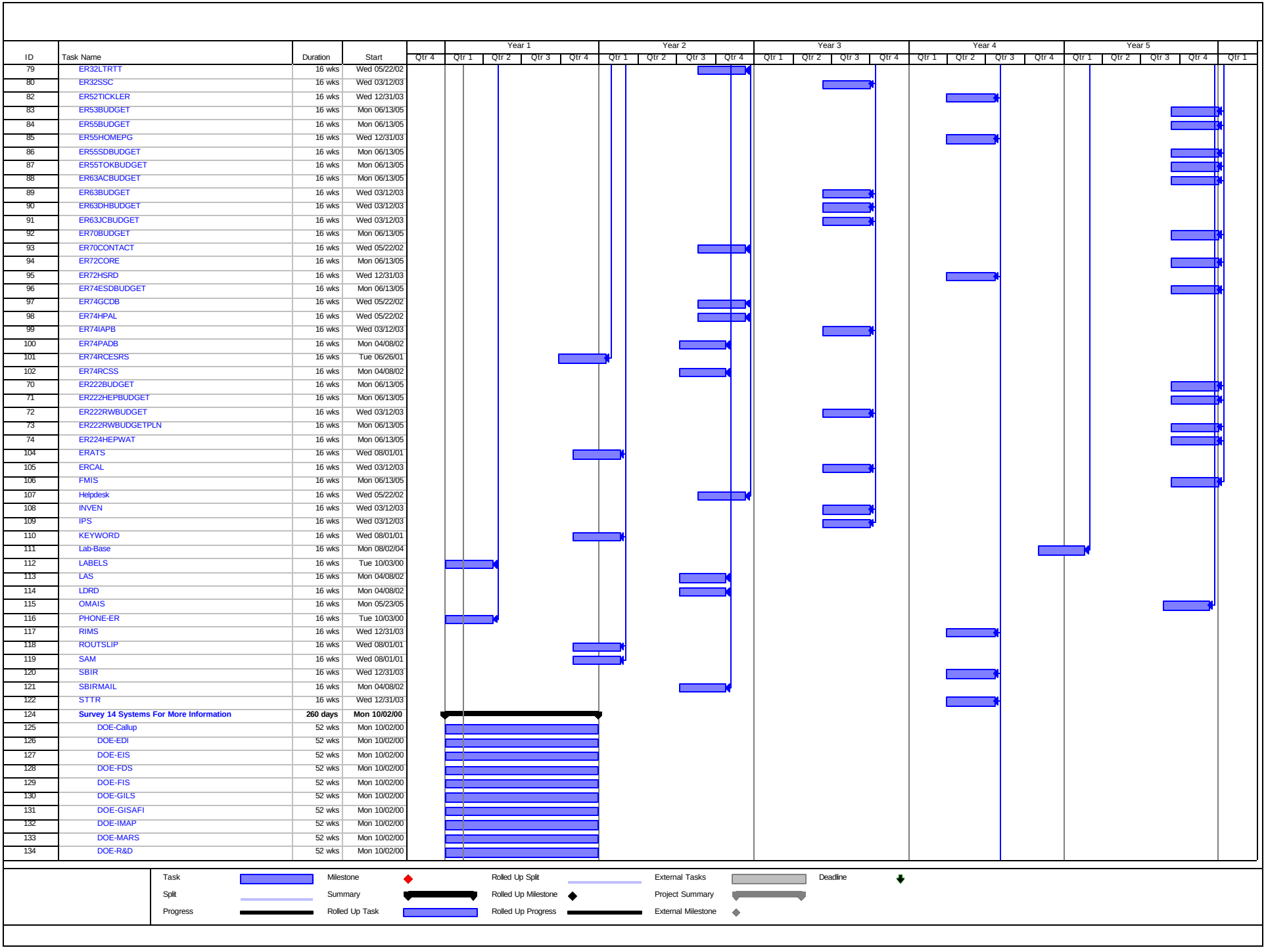

ID	Task Name	Duration	Start
79	ER32LTRTT	16 wks	Wed 05/22/02
80	ER32SSC	16 wks	Wed 03/12/03
82	ER52TICKLER	16 wks	Wed 12/31/03
83	ER53BUDGET	16 wks	Mon 06/13/05
84	ER55BUDGET	16 wks	Mon 06/13/05
85	ER55HOMEPG	16 wks	Wed 12/31/03
86	ER55SDBUDGET	16 wks	Mon 06/13/05
87	ER55TOKBUDGET	16 wks	Mon 06/13/05
88	ER63ACBUDGET	16 wks	Mon 06/13/05
89	ER63BUDGET	16 wks	Wed 03/12/03
90	ER63DHBUDGET	16 wks	Wed 03/12/03
91	ER63JCBUDGET	16 wks	Wed 03/12/03
92	ER70BUDGET	16 wks	Mon 06/13/05
93	ER70CONTACT	16 wks	Wed 05/22/02
94	ER72CORE	16 wks	Mon 06/13/05
95	ER72HSRD	16 wks	Wed 12/31/03
96	ER74ESDBUDGET	16 wks	Mon 06/13/05
97	ER74GCDB	16 wks	Wed 05/22/02
98	ER74HPAL	16 wks	Wed 05/22/02
99	ER74IAPB	16 wks	Wed 03/12/03
100	ER74PADB	16 wks	Mon 04/08/02
101	ER74RCESRS	16 wks	Tue 06/26/01
102	ER74RCSS	16 wks	Mon 04/08/02
70	ER222BUDGET	16 wks	Mon 06/13/05
71	ER222HEPBUDGET	16 wks	Mon 06/13/05
72	ER222RWBUDGET	16 wks	Wed 03/12/03
73	ER222RWBUDGETPLN	16 wks	Mon 06/13/05
74	ER224HEPWAT	16 wks	Mon 06/13/05
104	ERATS	16 wks	Wed 08/01/01
105	ERCAL	16 wks	Wed 03/12/03
106	FMIS	16 wks	Mon 06/13/05
107	Helpdesk	16 wks	Wed 05/22/02
108	INVEN	16 wks	Wed 03/12/03
109	IPS	16 wks	Wed 03/12/03
110	KEYWORD	16 wks	Wed 08/01/01
111	Lab-Base	16 wks	Mon 08/02/04
112	LABELS	16 wks	Tue 10/03/00
113	LAS	16 wks	Mon 04/08/02
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129	DOE-FIS	52 wks	Mon 10/02/00
130	DOE-GILS	52 wks	Mon 10/02/00
131	DOE-GISAFI	52 wks	Mon 10/02/00
132	DOE-IMAP	52 wks	Mon 10/02/00
133	DOE-MARS	52 wks	Mon 10/02/00
134	DOE-R&D	52 wks	Mon 10/02/00

ID	Task Name	Duration	Start
135	DOE-WFIS	52 wks	Mon 10/02/00
136	DTS	52 wks	Mon 10/02/00
137	ER-PATS	52 wks	Mon 10/02/00
138	IPA	52 wks	Mon 10/02/00
123	VMS	16 wks	Wed 12/31/03
1	**Strategic Planning and Architecture**	1305 days	Mon 10/02/00
28	**Technology Projects**	**521 days**	**Mon 10/02/00**
43	Active Directory Implementation	26 wks	Tue 04/02/02
42	Citrix Upgrade	26 wks	Tue 04/02/02
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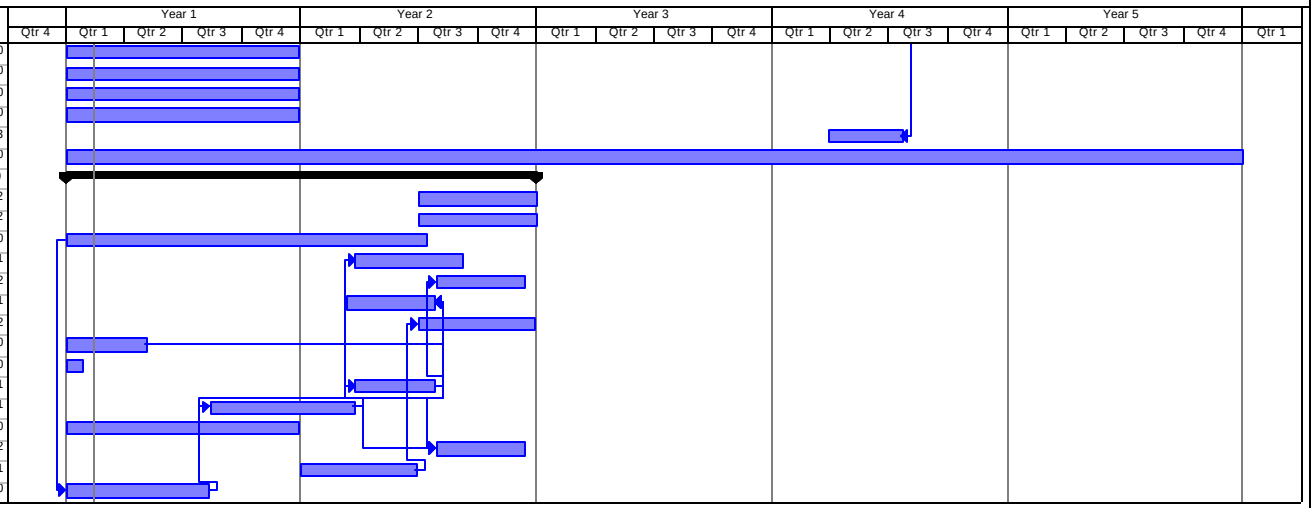

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Strategic Plan Narratives

Strategic Planning and Architecture

- Strategic Plan Update - Updates SC HQS' information architecture to include: Principles, Information Resources Catalog, Business Model, Data Architecture, Application Architecture, Technology Architecture, Strategic Plan, and Operational / Tactical Plan. Concludes the update in April and coordinates an extended review by the IM Board to result in approval by June. Populates an information repository tool to store the SC HQS' information architecture, to track information through the SC-621 Lifecycle from Business Model to "Package" implementation, and to provide SC user access. Supports all IM Board and customer group meetings.
- IM Communications - Publishes newsletters, updates the SC-621 homepage, develops "road-shows", conducts surveys, and transmits informational email messages, all for the purpose of keeping SC HQS' users apprised of available services, services to be deployed, and the process used to determine services to be deployed. Supports monthly meetings with SC field IM counterparts to work collaborative projects and exchange information. Supports quarterly SC-621 meetings to review progress and planned projects.
- IM Lifecycle - Supports the SC-621 establishing and reviewing performance measurements, establishing policies and standards, facilitating process improvement, supporting the budget formulation and execution process, and performing hardware / software acquisitions.
- SC Site Information Architecture Development - Supports the development and implementation of an “information architecture” at each SC Operations Office and their respective laboratories. This includes project preparation and planning; project team development; information architecture training; the production of principles, an information resources catalog, a business model, a data architecture, an applications architecture, a technology architecture, a five year strategic plan, and an operating plan; and organizational set-up.
- SC Operations Office and Laboratory Involvement - Develop an information resources catalog of SC systems; coordinate the demonstration of SC field systems at IM Board meetings; conduct reviews of IM Board selected field systems for potential inclusion in the IM products and services available to SC HQ customers; from those reviews, present findings and recommendations to the IM Board; promote an SC corporate IM strategy; review SC HQ interfaces with field sites as needed; and provide recommendations to the IM Board on how best for the SC HQ IM infrastructure to communicate with different platforms in existence at those sites.

Production

- Support Center - Provides level of effort phone coverage for the SC Support Center. SC Support Center hours of operation are 8:00am and 5:30pm. The phone analysts are required to answer all phone calls, log all pertinent information into the Applix Call Incident System, attempt resolution utilizing remote control capabilities, and follow the status of each incident until closure.

In certain cases, problems are escalated, via the Applix system, to pertinent areas of the SC Support Center for resolution. Once closure has been obtained, it is the phone analyst's responsibility to close the incident and ensure customer satisfaction. The phone analyst's are also responsible for monitoring the SC Support Center mailbox. The phone analyst function is primarily reactive in nature, responding to user requests, which means that the supporting processes need to be managed and operated efficiently in order to provide a high quality service. The phone analyst position is key to setting user expectations and providing excellent customer service.

- Operations - Provides level of effort SC local area network (LAN) support.
- Deskside - Provides level of effort deskside (customer workstation) software support. Supports the phone support team by providing hands-on diagnostics and problem resolution.
- Support Center Management - Provides overall Support Center management, on a daily basis, to ensure efficient customer response and satisfaction.
- Application Maintenance - Provides level of effort support in order to maintain all SC production systems, as well as all production DOE-wide system interfaces that exist.
- Hardware Maintenance - Provides hardware support for all desktops, printers, monitors, and Fax machines that are deployed by the SC Information Management Team (DOE Tagged equipment). Is staffed utilizing an outsourced vendor, who provides 2 hour GTN response and 3 hour FRSTL response for all hardware-related problems. The vendor is notified via the SC Support Center (Applix) and repairs or replaces inoperable SC provided equipment.
- Database Administration - Maintains an accurate, up-to-date version of the SC corporate data model. The model includes legacy application information, work in process application information describing the data design of new SC development initiatives, and baseline information on DOE-wide applications that are expected to impact the SC corporate data model.
- Server Side Operational Upgrade - Provides for small operational upgrades in support of preventative maintenance, security patches, etc. to remain technologically current.
- Enterprise Agreement - Provides a 3 year maintenance agreement of MS software licensing (and upgrades) for all desktops (MS Office, IE, etc.) and servers (NT, SQL, etc.)

Program Management

- Program Management – Involves the management of the Credit Card Budget, conducting briefings to SC senior management, directing effective integration of all IM Projects, resource planning and management, managing space arrangements, authorization and control of extended work week (EWW) activities, review of contractor resource, cost, and progress reporting, technical monitoring of contract activities, participation in Headquarters (HQ) IM Collaboration efforts and SC field office collaboration efforts.

Execution Work Management Package

- Execution Work Management Package Version 1.1 – Supports the SC HQS Field Work Proposals (FWP) process by issuing solicitations and maintaining information on proposals.
- Execution Work Management Package Version 2.0 – Supports the SC HQS grants and Field Work Proposal (FWP) process by maintaining information on review and selection data based on grants and proposals.
- Execution Work Management Package Version 3.0 – Supports the SC HQS grants and FWP process by providing additional mechanisms for releasing and receiving proposals.
- Execution Work Management Package Version 3.1 – Supports the SC HQS grants and FWP process by tracking progress of SC funded work.

Human Resources Package

- Human Resources Package Version 1.0 – Supports SC HQS' human resource management by maintaining information on SC-related committees and SC sponsored awards.
- Human Resources Package Version 2.0 – Supports SC HQS' human resource management by maintaining information on training classes, workforce impact, personnel, and human resource actions (e.g., performance evaluation, IDPs).

Intranet Package

- Intranet Package Version 1.0 – Design and development of interface and taxonomy. Supports SC HQS business activities by providing central management of SC's automated capabilities in a secure environment. Supports remote dial-in over DOENet backbone.
- Intranet Package Version 2.0 – Supports all SC HQS business activities by providing enhanced capabilities (e.g., desktop video) to the central management of SC's automated capabilities in a secure environment.
- Intranet Package Version 3.0 – Supports integration of collaboration capabilities and business activities associated with external business partners. Supports project and file management.

Management Package

- Management Package Version 1.0 – Supports the establishment of SC's research direction by recording information on scientific opportunities and programs.
- Management Package Version 2.0 – Supports the management and response to queries submitted to SC HQS.

- Management Package Version 3.0 - Supports the establishment of SC's research direction by recording information on strategic goal achievement.
- Management Package Version 4.0 - Supports the establishment of SC's research direction by maintaining information on all outreach products and providing for the performance of statistical analysis on them.

Reference Package

- Reference Package Version 1.1 – Supports all SC HQS business activities by maintaining guidance/regulatory information.
- Reference Package Version 2.0 – Supports all SC HQS business activities by maintaining reference information on expertise and facilities.

Support Services Package

- Support Services Package Version 1.0 – Supports all SC HQS business activities by providing a query and reporting capability for SC's information systems.
- Support Services Package Version 1.1 – Supports SC HQS support service responsibilities by managing SC's concurrence process and procedures.
- Support Services Package Version 2.0 – Supports SC HQS support service responsibilities by providing for the storage and retrieval of documents, and by recording contact information.
- Support Services Package Version 3.0 – Supports SC HQS support service responsibilities by managing office equipment, tracking work assignments, and managing meeting resources and logistics.
- Support Services Package Version 4.0 – Supports SC HQS support service responsibilities by managing the SC travel process.

Worksheet Exchange Package

- Worksheet Exchange Package Version 1.0 – Supports the SC HQS budget formulation process by maintaining budget summary information such as funded amounts, proposed work, budget decisions, budget justifications, and revisions based on appeal. Supports the SC HQS budget formulation decision making process by calculating and presenting multiple budget scenarios, providing for budget review, recording budget and funding decisions, and developing budget schedules.
- Worksheet Exchange Package Version 2.0 – Supports the SC HQS budget formulation process by managing appeals, providing the ability to maintain B&R coding structures, manage budget constraints, record budget information, manage budget scenarios, monitor the budget process and multi-task budget input.
- Worksheet Exchange Package Version 3.0 – Supports the SC HQS budget process by enabling cross cuts of the budget data to produce varying budget schemes for comparative analysis. Supports the SC HQS budget formulation

process by issuing the budget call from OMB and CFO and maintaining all associated information.

MS Office 2000 and Project 2000 Upgrades

- Upgrade current desktop suite to MS Office 2000 and MS Project 2000 to provide an environment that is COM-compliant and VBA-capable and that interoperates with MS Windows 2000 directory services, specifically MS Active Directory.

Graphics Toolset

- Implementation of unified toolset for creating, editing, publishing, archiving, and retrieving static graphics (images), including presentation, clip art, engineering and line drawings, hand-drawn graphics, and photographs.

Windows 2000 Workstation Deployment

- Deployment of MS Windows 2000 OS to replace MS Windows 95.

Retire Desktop Hardware and Software

- Complete the retirement process for Macintosh desktop computers.

Network Redesign for Web-Enabled Applications

- Redesign and implementation of SC network infrastructure to enhance robustness, security, and reliability.

Windows 2000 Server Upgrade

- Upgrading the network servers to Windows 2000 operating system will facilitate infrastructure upgrades necessary to take advantage of the operating systems advances in 1) increased reliability and scalability, 2) reduced costs through improved end-to-end management capabilities, and 3) comprehensive Internet and applications support.

Cyber Security Implementation

- The mission of the Cyber Security project is to mitigate security risks by employing technologies and methods that would allow to guard data transmission, storage, and overall data integrity; as well as to alert network support teams of any suspicious activities.

Strategic Plan Narratives

Multimedia Toolset

- Implementation of unified toolset for creating, editing, publishing, archiving, and retrieving multimedia, including presentation, sound and voice, animation, full-motion video, and streaming media.

Decision Support System

- Implement a preliminary decision support system to tap the broad spectrum of SC data and filter it directly for management use.

Streaming Media Infrastructure Support

- Provide infrastructure components to support the development and publication of streaming-media data.

Document and Multimedia Management Infrastructure

- Select, configure, test, and install the hardware and software needed to implement document and multimedia management (generally known as document management) in SC.

Desktop Conferencing

- Assess and deploy desktop conferencing facility via ATM or ISDN on users' workstations.

Exchange Platinum Upgrade

- Upgrading Exchange to v6.0 (code name Platinum) to a higher degree of integration with Windows 2000 operating system, greater reliability, security, and scalability that will result in lower cost of ownership.

Citrix Upgrade

- Upgrade Citrix to support dial-in remote access to SC services.

Active Directory Implementation

- This project involves implementing Microsoft Windows 2000 Active Directory.

Detailed Package Descriptions

Execution Work Management Package Version 1.1

Delivery Date

Begin Date: 10/02/00 ***End Date:*** 01/08/01

Capability Name	Capability Description
Manages AFP processing for Grants	For Grants only, records the submission of and maintains information on recommendations for approval for new or supplemental lab projects and New, renewal, continuation, or supplemental grants, cooperative agreements, interagency agreements, and contracts.
Record abstract Information for Grants	For Grants only, collect key information on Proposal: scope, work approach, cost, exceptions to Solicitation.
Provide electronic forms	Provide format and forms necessary for submission of Proposals in electronic format, including via a WEB site.
Control access for FWPs	Manages access to recommendation capability to specific program manager and program assistant personnel in SC program offices
Match to funding constraint for FWPs	Match funding recommendation with specific funding constraints.
Provide analytical reporting for FWPs	Provide cross cut, summary and other reporting capabilities.
Record abstract Information for FWPs	Collect key information on Proposal: scope, work approach, cost, exceptions to Solicitation.
Record Proposal changes for FWPs	Record times, originator and other information on amendments, modifications, cancellation and other events.
Acknowledge receipt for FWPs	Acknowledge receipt to sending institution or person. Acknowledgment information for (date, time, applicable program area, project, etc.) included. Enable electronic acknowledgment.
Manages AFP processing for FWPs	Records the submission of and maintains information on recommendations for approval for new or supplemental lab projects and New, renewal, continuation, or supplemental grants, cooperative agreements, interagency agreements, and contracts.
Produce tabular Attachments for FWPs	Generates attachments to Program Letters detailing the AFP, for Labs and operations offices.

Package Pre-requisites

- Reference Package 1.0 (COMPLETED IN FY2000)

Related Business Activities

- Issue Solicitation
- Receive Proposal (FWPs)
- Authorize Work (FWPs)
- Award Work (FWPs)

Detailed Package Descriptions

Execution Work Management Package Version 2.0

Delivery Date

Begin Date: 01/09/01 ***End Date:*** 10/15/01

Capability Name	Capability Description
Record changes to work	Record changes to the baseline work information resulting from project/program oversight actions.
Record evaluation results	Collect reviewer's findings; relate to specific proposed or funded work. Enter evaluations for proposed or funded work
Record evaluation scheme	Record basic information on the evaluation: type, proposed work id., procedure id, schedule, task id., etc.
Record funded work	Maintain identification, description, performer and other data about work that has been funded. Maintain a baseline information set for the funded work.
Record reviewer's	Record information on selected reviewers: person id., area of expertise, etc.
Score competing proposed work	Compare scores from reviewers for proposed work against other comparable, competing proposed work and/or predefined thresholds.

Package Pre-requisites

- Execution Work Management Package 1.1
- Reference Package 1.1

Related Business Activities

- Review Proposal
- Select Proposal
- Receive Proposal (FWP)
- Authorize Work (FWP)
- Award Work (FWP)

Detailed Package Descriptions

Execution Work Management Package Version 3.0

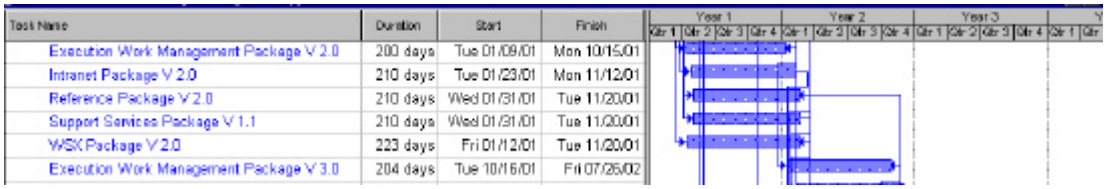
Delivery Date

Begin Date: 10/16/01 ***End Date:*** 07/26/02

Capability Name	Capability Description
Enable electronic distribution	Communicate electronically with Commerce Business Daily and other publications for release of Solicitations.
Receive Proposal	Provide multiple mechanisms for receiving Proposals including electronic, WEB, EDI, paper (hard copy).
Electronic Review	Facilitates electronic file transfer and review assignment for Proposal/FWP review.

Package Pre-requisites

- Execution Work Management Package 2.0



Task Name	Duration	Start	Finish
Execution Work Management Package V 2.0	200 days	Tue 01/09/01	Mon 10/15/01
Intranet Package V 2.0	210 days	Tue 01/23/01	Mon 11/12/01
Reference Package V 2.0	210 days	Wed 01/31/01	Tue 11/20/01
Support Services Package V 1.1	210 days	Wed 01/31/01	Tue 11/20/01
WSK Package V 2.0	223 days	Fri 01/12/01	Tue 11/20/01
Execution Work Management Package V 3.0	204 days	Tue 10/16/01	Fri 07/26/02

Related Business Activities

- Receive Proposal

Detailed Package Descriptions

Execution Work Management Package Version 3.1

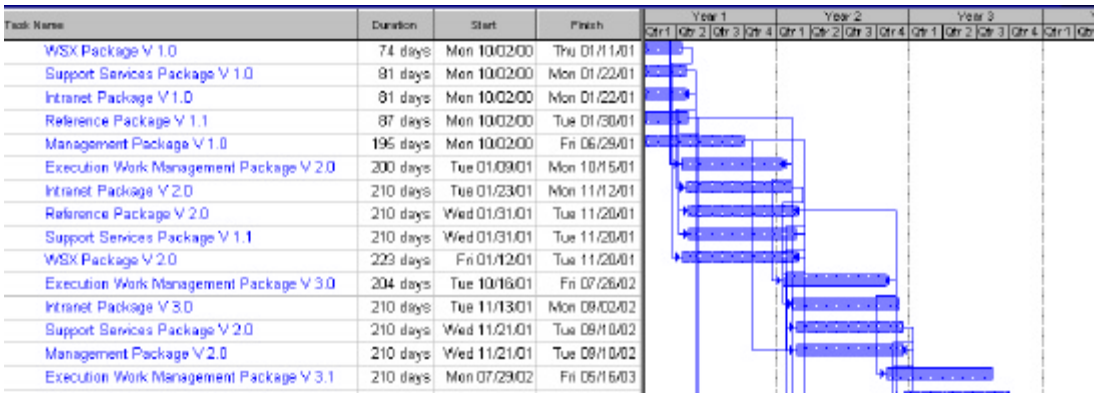
Delivery Date

Begin Date: 07/29/02 ***End Date:*** 05/16/03

Capability Name	Capability Description
Progress Reports	Receive and record progress for SC funded work.
Issue Initiation	Provides the ability to create and track issues associated with a progress report.
Final Report Approval	Provides the ability to receive, record and designate approval or disapproval final reports submitted by Institutions.
Oversight Actions	Provides the ability to create, records and track oversight actions.

Package Pre-requisites

- Execution Work Management Package 3.0
- Worksheet Exchange Package 1.0



Task Name	Duration	Start	Finish
WSX Package V 1.0	74 days	Mon 10/02/00	Thu 01/11/01
Support Services Package V 1.0	81 days	Mon 10/02/00	Mon 01/22/01
Intranet Package V 1.0	81 days	Mon 10/02/00	Mon 01/22/01
Reference Package V 1.1	87 days	Mon 10/02/00	Tue 01/30/01
Management Package V 1.0	195 days	Mon 10/02/00	Fri 06/29/01
Execution Work Management Package V 2.0	200 days	Tue 01/09/01	Mon 10/15/01
Intranet Package V 2.0	210 days	Tue 01/23/01	Mon 11/12/01
Reference Package V 2.0	210 days	Wed 01/31/01	Tue 11/20/01
Support Services Package V 1.1	210 days	Wed 01/31/01	Tue 11/20/01
WSX Package V 2.0	223 days	Fri 01/12/01	Tue 11/20/01
Execution Work Management Package V 3.0	204 days	Tue 10/16/01	Fri 07/26/02
Intranet Package V 3.0	210 days	Tue 11/13/01	Mon 08/12/02
Support Services Package V 2.0	210 days	Wed 11/21/01	Tue 09/10/02
Management Package V 2.0	210 days	Wed 11/21/01	Tue 09/10/02
Execution Work Management Package V 3.1	210 days	Mon 07/29/02	Fri 05/16/03

Related Business Activities

- Oversee Work

Detailed Package Descriptions

Human Resources Package Version 1.0

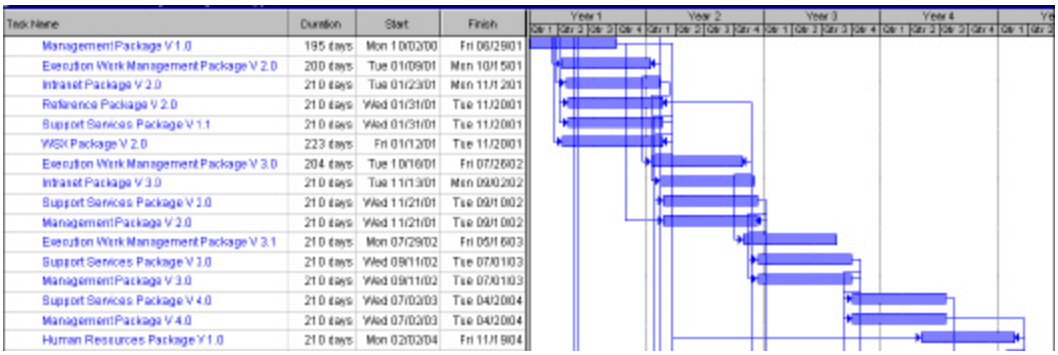
Delivery Date

Begin Date: 02/02/04 ***End Date:*** 11/19/04

Capability Name	Capability Description
Record and maintain committee information	Maintain information about SC-related committees, including the name, type of committee, charter (text), organizing authority, dates, etc. Includes Advisory Committees.
Record committee membership	Maintain information on committee membership (SC employees and other persons) and roles.
Record SC non scientific award description	Maintain information that describes each non scientific award that is sponsored by SC: name, type (monetary, non monetary), purpose, frequency, constraints, etc.
Record SC scientific award description information	Maintain information that describes each scientific award that is sponsored by SC: name, type (monetary, non monetary), purpose, frequency, constraints, etc.
Record recipient information	Maintain basic identification information on award recipients (e.g. name, nationality, award time, etc.)

Package Pre-requisites

- Reference Package 2.0
- Management Package 1.0



Related Business Activities

- Contribute to DOE Initiatives
- Evaluate Goal Achievement
- Identify Opportunities for Research Programs
- Evaluate Staff

Detailed Package Descriptions

Human Resources Package Version 2.0

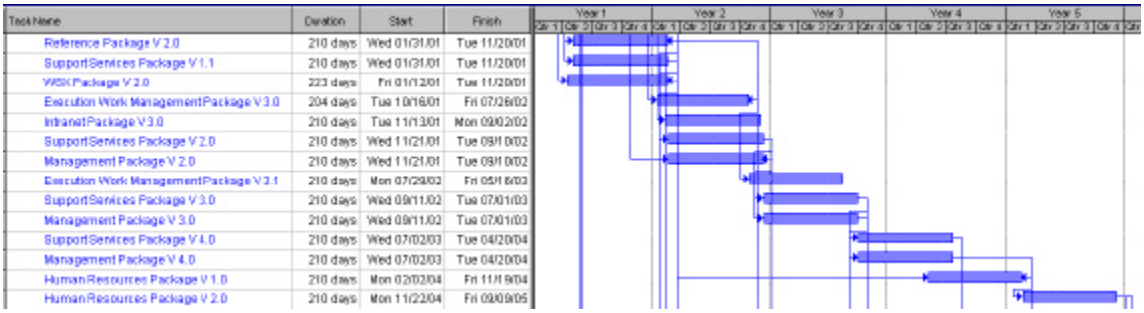
Delivery Date

Begin Date: 11/22/04 ***End Date:*** 09/09/05

Capability Name	Capability Description
Change control	Restricts ability to add and change course and class information to HR personnel.
Determine workforce impacts	Quantify the impact to the composition and size of SC's workforce using what-if analyses.
Maintain class information	Maintain information about specific classes, including when and where the class is offered, the instructor, and class size and any special requirements.
Maintain workforce impact information	Record and maintain information (strategic initiatives, workforce modification, budget, etc.) that impacts SC's workforce (e.g. composition, size, etc.)
Record SC employee participation	Record SC employee's scheduled and actual attendance at a class, including the times, the employee's name, organization, and phone number.
Record SC/DOE course information	Maintain information about a training course, including the course id, type of training, topics, prerequisites, and materials. Indicate whether course is mandatory for SC employees.
Record external course information	Record references or abstracts about external training sources.
Record results of HR actions	Maintain information about the results of HR actions such as promotion, disciplinary action, recognition, transfer, etc.
Track HR actions	Record activity information (dates, type of action) of HR actions such as performance evaluation, training, IDP, retirement, etc. Issue tickler information for past or upcoming HR events.

Package Pre-requisites

- Human Resources Package 1.0
- Reference Package 2.0
- Management Package 2.0



Detailed Package Descriptions

Related Business Activities

- Fill Vacant Positions
- Investigate Accidents and Injuries to SC Employees
- Organize Training
- Develop Workforce Requirements
- Design SC's Organization

Detailed Package Descriptions

Intranet Package Version 1.0

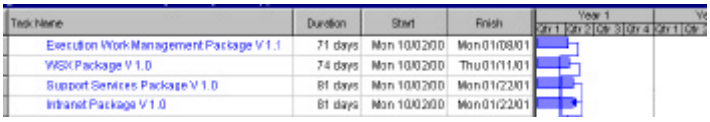
Delivery Date

Begin Date: 10/02/00 ***End Date:*** 01/22/01

Capability Name	Capability Description
Desktop Presentation	Provides basic desktop access capabilities to enterprise information in addition to existing access methods for capabilities in the strategic arena.
Integrated Desktop	Deliver integrated product access based on architecture.
Simplified Communication	Enhanced communication and collaboration provides internal information management
Public Information Services	Provide the capability to create, access and manage links to public information sources such as SC Home Page, DOE Home Page, user defined links, etc.
Publishing Capability	Provide the ability to publish and subscribe to enterprise information.
Access Web-Enabled Applications	Provide access to web-enabled enterprise applications (these include IMSC, Daytimer, Employee Phonebook).

Package Pre-requisites

- Reference Package 1.0 (COMPLETED IN FY2000)



Related Business Activities

- Access to all business activities through infrastructure and access methodology

Detailed Package Descriptions

Intranet Package Version 2.0

Delivery Date

Begin Date: 01/23/01 ***End Date:*** 11/12/01

Capability Name	Capability Description
News Channels	Provide links to pertinent News sources such as CNN scientific headlines, MSNBC, etc.
Solicitations	Provide access to current DOE SC Solicitations.
Grants Application Policies	Provide access to DOE SC Grant Application Policies
Video Streaming	Provide ability to host and access video
Organization Specific	Provide messaging related to Organization specific information within an organization. Examples include the publishing of space planning services, office layouts.
Organization Charts	Provide access to Organizational Charts and general information.
Travel/Map/Transportation Services	Provides capability to access travel information.
Support Document Management	Provide access to enterprise document management functions.
Support Records Management	Provide access to future enterprise records management functions.
Workflow Capability	Provide enhanced workflow capabilities.
Projects Management	Provides the user with enhanced document / object / task management features.
Field Office Integration	Provide capabilities for field office access to specific business activities and enterprise information.
SC Support Center Applix Web Access	General IM management and communication functions to be enhanced.
IMSC Decomposed	Provide access to decomposed IMSC functionality based on user profile.
Access Web-Enabled Applications	Provide access to web-enabled enterprise applications.

Package Pre-requisites

- Intranet Package 1.0

Related Business Activities

- Access to all business activities through infrastructure and access methodology

Detailed Package Descriptions

Intranet Package Version 3.0

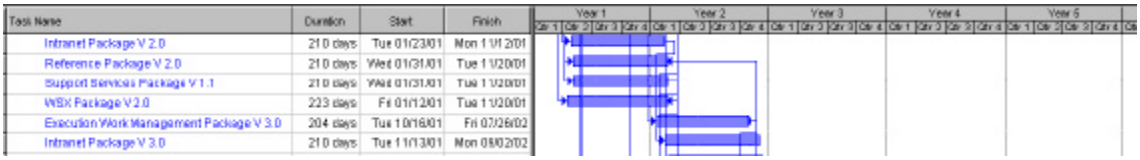
Delivery Date

Begin Date: 11/13/01 ***End Date:*** 09/02/02

Capability Name	Capability Description
Project Management	Provide the enhance capability to manage project information in folders that are embedded within the portal.
Peer Reviews	Provide the capability to remotely receive/submit electronic reviews of proposals and other information.
Synchronous Collaboration Applications	Provide a capabilities to access electronic chat, white boarding, and electronic meeting technologies.
Access Web-Enabled Applications	Provide access to web-enabled enterprise applications.

Package Pre-requisites

- Intranet Package 2.0



Related Business Activities

- Access to all business activities through infrastructure and access methodology

Detailed Package Descriptions

Management Package Version 1.0

Delivery Date

Begin Date: 10/02/00 ***End Date:*** 06/29/01

Capability Name	Capability Description
Record opportunities for scientific programs	Record basic information about scientific opportunities. Basic information includes source (e.g. reports of scientific progress), program area and description of new scientific opportunities for SC programs.
Record proposed programs and research opps.	Provide identifier (type, source, SC organizational unit, etc.) and description information (objectives, scope, anticipated results, schedule, etc.) about programs and scientific opportunities.

Package Pre-requisites

- Reference Package 1.0 (COMPLETED IN FY2000)

Related Business Activities

- Establish Strategic Plan
- Identify Opportunities for Research Programs

Detailed Package Descriptions

Management Package Version 2.0

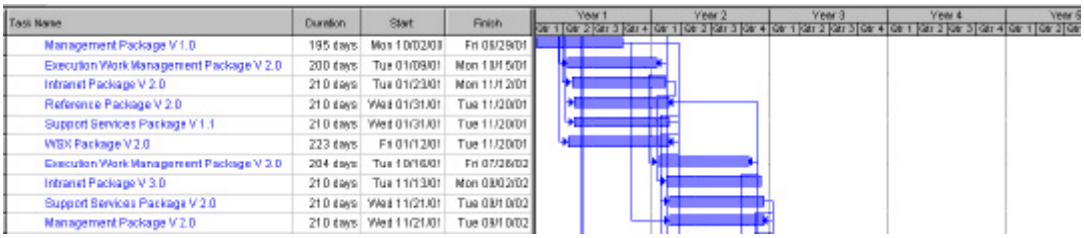
Delivery Date

Begin Date: 11/21/01 ***End Date:*** 09/10/02

Capability Name	Capability Description
Access position/opinions	Access position/opinion information on WEB sites, electronic files maintained by labs, institutions, etc. Search for opinion/position information based on keywords, times, source and other criteria.
Determine format of response.	Determine format of response based on request attributes.
Determine responsible SC office/person	Determine responsible SC office /person based on key attributes of the information request.
Maintain SC opinion/position Information	Record SC opinion and position information by source, subject matter, date, and other criteria.
Provide processing status information.	Provide information related to the status of an information request.
Record official responses to information requests	Record previous official responses to information requests and queries, including Congressional Q & A's.
Service information requests.	Receive request and record basic information such as source, date time, and subject area.

Package Pre-requisites

- Management Package 1.0
- Reference Package 2.0
- Support Services 2.0



Related Business Activities

- Log Communications
- Respond to Queries
- Advocate SC

Detailed Package Descriptions

Management Package Version 3.0

Delivery Date

Begin Date: 09/11/02 ***End Date:*** 07/01/03

Capability Name	Capability Description
Establish relationship scheme	Define and maintain scheme for linking lower level goals (e.g. tactical) to higher level (strategic) goals.
Imports accounting data from CFO systems.	Imports actual obligations and costs from CFO systems.
Match CFO and SC funding	Compare CFO financial data against SC funding recommendation. Calculate discrepancies.
Record adjustments	Record adjusting entries (i.e. times, amounts, original entry).
Record implementation goals	Collect information on SC's implementation plans, cooperative agreements, facility, and project plans.
Record performance measures	Record specific metrics (e.g. number of sub tasks completed, amount of budget consumed, number of scientific articles published) to be used in establishing performance measurements. Relate metrics to goals. Maintain metrics and relationships.
Record status information	Record status information based on metrics for each goal. Monitor status information collection (e.g. provide tickler reports to highlight missing status information)
Record strategic goals	Maintain information on SC's strategic goals. Update the goal information.
Redistribute uncommitted balances	Calculate distribution of uncommitted balances using pre-defined or selected criteria.
Track uncommitted Balances	Calculate uncommitted balances.

Package Pre-requisites

- Management Package 2.0

Related Business Activities

- Evaluate Goal Achievement

Detailed Package Descriptions

Management Package Version 4.0

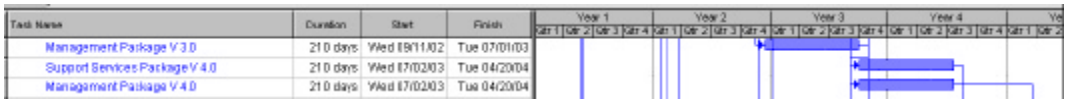
Delivery Date

Begin Date: 07/02/03 ***End Date:*** 04/20/04

Capability Name	Capability Description
Access abstracts	Access to abstracts of scientific literature and reports. Abstracts include SC's funded and proposed work.
Access to scientific literature and reports.	Access to on line catalog of scientific literature and reports.
Enable access to outreach information	Maintain summary information (e.g. abstract, medium, dates) on each outreach product. Provide access to other information sources such as scientific literature, SC goals, etc.
Establish outreach profile information	Maintain profile information (e.g. purpose, target audience, effective dates, etc.) for each outreach product. Provide an electronic catalog of outreach products on DOE/SC home page.
Record outreach product indicators	Maintain outreach product indicator information: number of products distributed/used, number of recipients, customer survey, etc. Enable statistical analysis of outreach products (e.g., trending, population reached).

Package Pre-requisites

- Management Package 3.0



Related Business Activities

- Recognize Scientific Achievements
- Establish Strategic Plan
- Identify Opportunities for Research Programs
- Advocate SC
- Respond to Queries

Detailed Package Descriptions

Reference Package Version 1.1

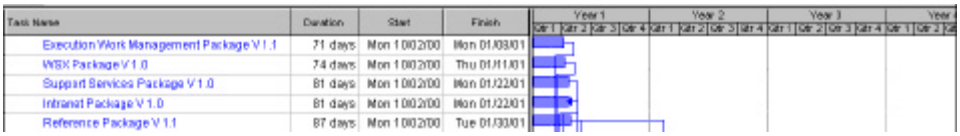
Delivery Date

Begin Date: 10/02/00 ***End Date:*** 01/30/01

Capability Name	Capability Description
Link guidance items	Provides capability that allows one guidance item to refer to another and to access the referenced item.
Record guidance profile	Record profile information which identifies the type of guidance, the author, authorizing information, document identifiers, and the location of the guidance if external to SC.
Search guidance	Enable search for internal guidance's based upon topics, words contained within the guidance items. Includes search of external guidance available on the WEB and other media.
Add / Edit a Sub Work Element	Provides the capability to enter base information related to a Sub Work Element.

Package Pre-requisites

- Reference Package 1.0 (COMPLETED IN FY2000)



Related Business Activities

- Supports all Business Activities

Detailed Package Descriptions

Reference Package Version 2.0

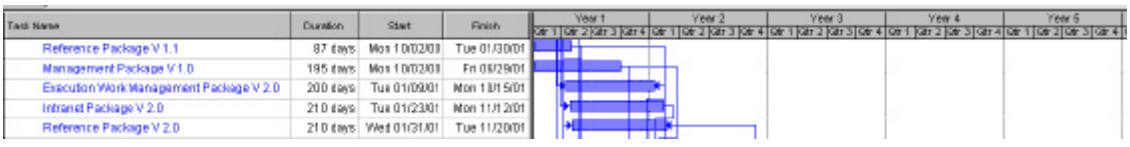
Delivery Date

Begin Date: 01/31/01 ***End Date:*** 11/20/01

Capability Name	Capability Description
Categorize expertise information	Maintain code structure for classifying expertise. Provide a thesaurus of subject matter expertise areas to facilitate use of expertise information.
Classify facilities	Maintain a coding structure for classifying facilities.
Define a skill	Record characteristics derived from facts and statistics on previous work, educational background, professional affiliations, publications produced that combined determine the qualification of a person to perform an SC activity.
Indicate position status	Maintain information about the status of each position. Status indicators include open, filled, etc.
Maintain person expertise information	Link person to expertise. Provide multiple view paths such as by subject matter area, education, previous participation on SC committee, etc.
Record SC facility information	Maintain information on SC facilities: total square footage, usable square footage, number of rooms by type, etc.; special attributes includes communications infrastructure, special access routes, “safe” rooms, etc.
Record position information	Maintain information on SC’s positions. Information includes: type of position, organization unit indicator, title, duties, responsibilities, KSA indicators, etc.
Record research facility information	Maintain basic information on research facilities: related program area or project; physical attributes such as area, security, dates (e.g.date constructed, retired, etc). Indicate facility status.
Record support facility information	Maintain basic information on support facilities such as type of support facility, usage, equipment, dates (constructed, retired).
Relate work to facility	Maintain relationship (i.e. link) between SC funded and proposed work and facility information. Enable research on type of work done by facility.
Store standard information elements	Record and maintain standard information elements such as education, experience, position, awards that describe a person’s knowledge and capabilities. The information must be regulated by Privacy Act and governmental regulations.

Package Pre-requisites

- Reference Package 1.1
- Management 1.0



Detailed Package Descriptions

Reference Package Version 2.0

Related Business Activities

- Supports all Business Activities

Detailed Package Descriptions

Support Services Package Version 1.0

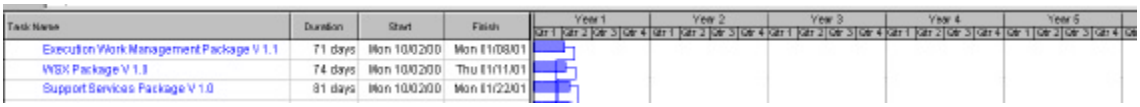
Delivery Date

Begin Date: 10/02/00 ***End Date:*** 01/22/01

Capability Name	Capability Description
Query Capability	Provide users with the capability to construct and execute queries against SC's Information Systems. This includes the ability to perform adhoc and canned queries.
Report Capability	Provide users with the ability to construct and execute reports. This involves providing the capability to develop adhoc reports and execute pre-existing reports provided by the IM team.

Package Pre-requisites

- Reference Package 1.0 (COMPLETED IN FY2000)



Related Business Activities

- Supports all Business Activities

Detailed Package Descriptions

Support Services Package Version 1.1

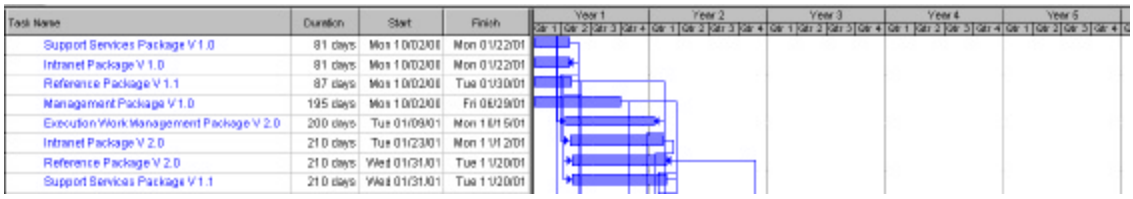
Delivery Date

Begin Date: 01/31/01 ***End Date:*** 11/20/01

Capability Name	Capability Description
Control changes	Control authorization of SC employees to enter and update procedure information. Record update information (time. originator, etc.) for audit trail purposes.
Determine concurrence routing	Prepare specific concurrence routing based on the item. Provide for standard and ad hoc concurrence routes. Provide "tickler" (i.e. notify SC employee of need for concurrence action).
Provide electronic signature	Attach digital/electronic signature blocks within the routing chain. Record and maintain authority levels for different types of information.
Store procedure description	Store procedure description (e.g., definition of each step, the role and responsibility for performing the step, and the previous and next step in the process chain). Administrative (e.g. travel), program (e.g. grant processing) and financial (e.g.procurement) procedures are included.
Store procedure profile information	Store profile information (identifier, source, authority, effective time) for each procedure. Maintain a catalog of SC procedures.
Track concurrence status	Record status as item is processed along the concurrence chain.
Track version number	Maintain sequential number reflecting version of item subject to concurrence.
Use electronic "help"	Use on line help and electronic forms, documents, examples, etc. to assist in the understanding and use of SC procedures.
View subject matter data	View the collection of data upon which concurrence is dependent.

Package Pre-requisites

- Support Services Package 1.0
- Reference Package 1.1



Related Business Activities

- Manage the Concurrence Process
- Set Operational Guidelines
- Evaluate Staff
- Manage Document Preparation and Distribution
- Manage Records
- Manage the Concurrence Process

Detailed Package Descriptions

Support Services Package Version 2.0

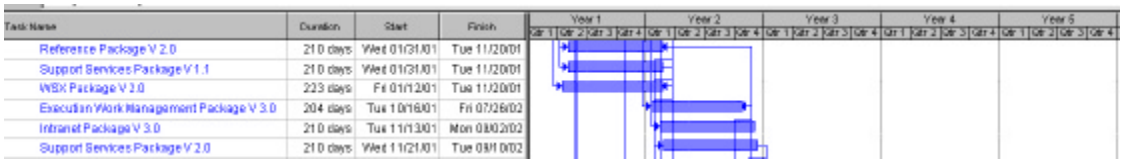
Delivery Date

Begin Date: 11/21/01 ***End Date:*** 09/10/02

Capability Name	Capability Description
Establish profile information	Records profile information such as unique document identifier, medium, location, author, security indicator and version.
Maintain standard document formats	Provide the ability to maintain standard documents formats (ie MS Word, etc.).
Record contact content information	Record information on the subject and results (i.e. action items) of the contact. Relate the subject and results to a work activity.
Record contact information	Record information about the person or institution contacted: name, position, etc. and reason for contact (i.e. work identifier indicating contact work activity)
Record RIDS actions	Record information related to times that RIDS actions were taken (record/document entered into inventory, sent to storage location or destroyed). Prepare Departmental RIDS reports.
Retrieve document.	Retrieve document in a view that is specified by the user. Support for multiple formats: word processing, various image formats, electronic forms, spreadsheet, voice, video, etc.
Store document	Store each type of document. Support for multiple formats: word processing, various image formats, electronic forms, spreadsheet, project management software, voice, video, etc.

Package Pre-requisites

- Support Services Package 1.1
- Reference Package 2.0
- Management Package 2.0



Related Business Activities

- Manage Document Preparation and Distribution
- Manage Records
- Log Communications

Detailed Package Descriptions

Support Services Package Version 3.0

Delivery Date

Begin Date: 09/11/02 ***End Date:*** 07/01/03

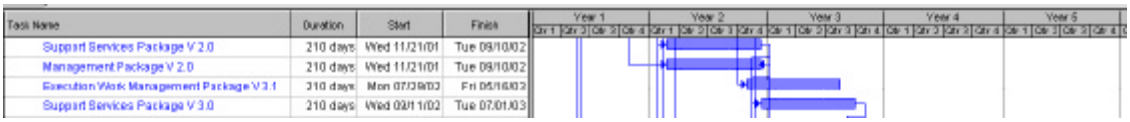
Capability Name	Capability Description
Capture resource status	Capture resource status (e.g., in service, unavailable) information.
Capture usage information	Capture usage information (e.g., time, user) for each resource.
Communicate employee work and event schedule	Transmit work and event schedule to employee.
Record assigned employee	Maintain information on the employee assigned to the task: name, position, SC organization, etc.
Record assignment	Record information (person, office number, etc.) on the assignment of a piece of equipment to a person or organizational unit. Maintain assignment information (e.g. update as a result of a move).
Record description of equipment	Record the physical description of SC owned equipment. Provide a unique identifier for each piece of equipment.
Record inventory actions	Collect information on actions (e.g. entry into SC inventory, disposal, return to central warehouse, sent for repair, etc.) taken related to a piece of equipment or other asset.
Record resource description	Maintain description of the meeting resources: meeting rooms (e.g., layout), equipment (PC installed, projector, # of LAN connections, etc.), communications (telephone, video conference, speaker phones, etc.).
Record times	Records times. Times include task schedule (begin and ending dates, milestone dates) and any changes to task schedule.
Record work status information.	Maintain standard work status conditions. Issue tickler to alert supervisor and employee as to status and upcoming events.
Records assigned tasks	Maintains information on each assigned task: task name, task description, end result, originating organization/person, etc.
Service information requests	Record requests for meeting logistics information (description, location, availability, etc.). Match against resource records to determine availability of resource. Record request disposition (e.g., approved, canceled, etc.)
View inventory	Create multiple views for inventory information (e.g. facility, person, type of equipment).
View scheduled work	View employee(s) schedule and task. This capability includes cross cut by employee or task, summary by organizational unit or task, task status, etc.

Detailed Package Descriptions

Support Services Package Version 3.0

Package Pre-requisites

- Support Services Package 2.0



Related Business Activities

- Arrange Meeting Logistics
- Program Work
- Manage HQ Facilities and Office Equipment

Detailed Package Descriptions

Support Services Package Version 4.0

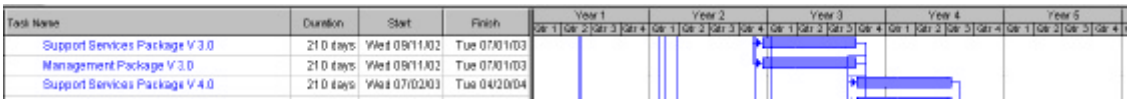
Delivery Date

Begin Date: 07/02/03 ***End Date:*** 04/20/04

Capability Name	Capability Description
Maintain travel services information	Maintain travel services information: airlines, car rental companies, hotels, security alerts,
Prepare travel paperwork	Automatically prepare travel paperwork: request, authorization, etc.
Record agreement profile information	Record and maintain a common set of information such as funding vehicle, parties, times (dates prepared, effective, terminated) for each agreement.
Record employee request	Record request for travel services submitted by SC employee. Request submitted electronically, via WEB or hard copy.
Record specific agreement information	Provide the ability to record information specific to an agreement.
Record terms and conditions	Record and maintain the definitions of DOE/SC obligations and the other parties' obligations.
Record travel arrangements	Record travel reservation and booking information received from travel office. Prepare itinerary.
Record trip information	Collect and maintain trip information: description, purpose, time, Program Office, participants, etc. Record changes to the trip information and status.

Package Pre-requisites

- Support Services Package 3.0



Related Business Activities

- Advocate SC
- Oversee Project and Facility Planning
- Select Proposal
- Administer Travel

Detailed Package Descriptions

Worksheet Exchange Package Version 1.0

Delivery Date

Begin Date: 10/02/00 ***End Date:*** 01/11/01

Capability Name	Capability Description
Interface with FMIS	Provide an electronic interface between SC-63 Budget Analysts and Program Offices allowing for a streamlined update of FMIS Budget Information.
Record budget information	Record budget information by fiscal year, funded or proposed work, organizational unit, and program area.
Record final budget decisions	Enable review of funding amounts by SC management and financial management personnel. Record final decisions on funding amounts.
Manage budget scenarios	Calculate and record multiple funding decision recommendations (associated with different assumptions) for each element of the budget. Match funding requests to available funds. This includes a what if capability.
Enable program review of budget amounts	Provide for program office review of budget amounts and other funding decisions and record recommended budget amounts or changes.
Record lab/institution funding decisions	Reference funding data for proposed work associated with a Proposal by a lab or institution. Records modified funding decisions resulting from programmatic oversight actions. Provides electronic notice and/or view access to funding decisions for labs and institutions.
Record budget formulation program	Develop schedules for formulating program planning budgets, preparing AFPs, preparing other work authorizations, performing reconciliation's, and preparing appeals.

Package Pre-requisites

- Reference Package 1.0 (COMPLETED IN FY2000)
- Execution Work Management Package 1.0

Related Business Activities

- Collect Budget Input
- Determine Funding Targets
- Justify Funding Distributions
- Prepare Budget Request
- Resolve Competing Programmatic Priorities

Detailed Package Descriptions

Worksheet Exchange Package Version 2.0

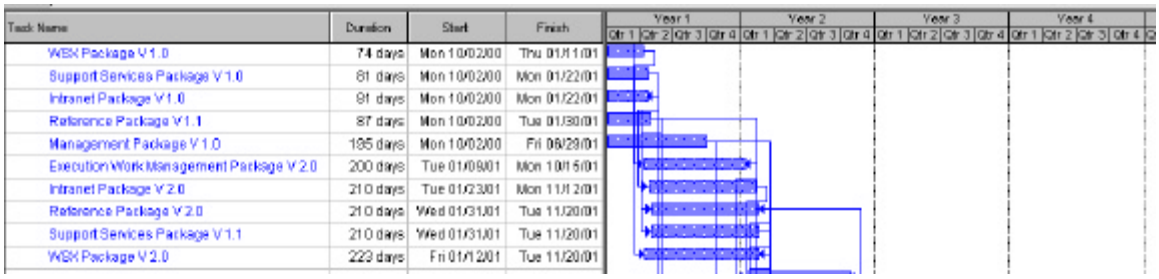
Delivery Date

Begin Date: 01/12/01 ***End Date:*** 11/20/01

Capability Name	Capability Description
Manage appeals	Record revised funding amounts related to the appeal and associated justification reasons (i.e., narrative appeal).
Maintain B&R Coding Structure	Provide the capability to create and manage B&R codes.
Manage to budget constraints	View "deltas" between control numbers and sums of budget amounts while modifying the latter.
Record Budget Info	Allows program offices to structure and group budget data in a customized form.
Manage Budget Scenario	Calculate advanced comparisons between worksheet versions.
Monitor Budget Process	Allow multiple viewing of budget worksheets.
Multi-task Budget Input	Allow program offices to split worksheets for updating by multiple sources.

Package Pre-requisites

- Worksheet Exchange Package 1.0
- Reference 2.0
- Reference Package 1.1
- Support Services Package 1.1



Related Business Activities

- Collect Budget Input
- Determine Funding Targets
- Justify Funding Distributions
- Prepare Budget Request
- Resolve Competing Programmatic Priorities

Detailed Package Descriptions

Worksheet Exchange Package Version 3.0

Delivery Date

Begin Date: 11/22/01 ***End Date:*** 09/30/05

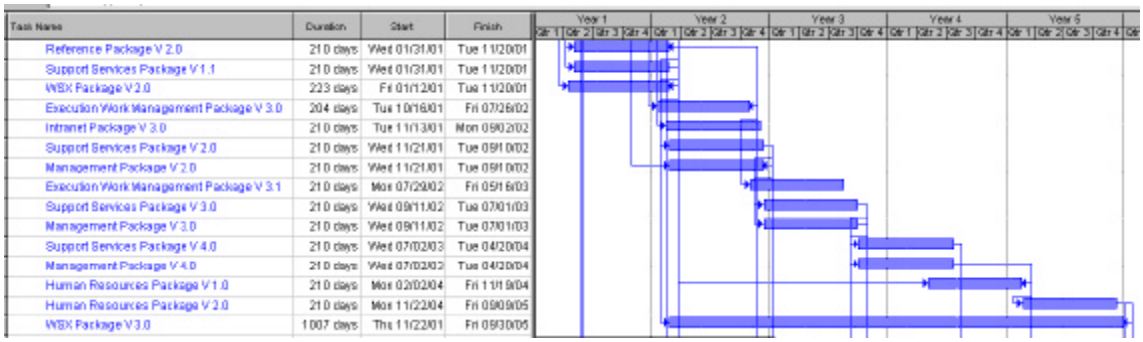
Capability Name	Capability Description
Maintain budget code structure	Cross cut schemes and other budget formulas for preparing comparative information. Enable preparation of cross cuts and other budget presentations and analyses. This includes Program Area code maintenance.
Record control figures	Record FTE allocations and budget appropriations, apportionment's, and different levels of "control" amounts within specific program areas (including cross-cuts) that represent DOE, SC, and program office guidance.
Record FTE information	Record FTE information by fiscal year, B&R code, program area and organization unit.
Record guidance	Record programmatic decisions and financial controls resulting from programmatic oversight.
Link programmatic/financial guidance	Enable linking of guidance information to previous guidance's and/or similar guidance.
Issue Program/Reissue Office Guidance	Issue Program/Reissue Office Guidance used to guide the formulation of the Program Office budget.
Record final FTE decisions	Enable review of funding amounts by SC management and financial management personnel. Record final decisions on FTE amounts.
Prepare FTE justifications	Enter justification narrative associated with FTE amounts.
Enable program review of FTE amounts	Provide for program office review of FTE amounts and record recommended FTE amounts or changes.
Prepare budget justifications	Enter justification narrative associated with budget amounts.

Detailed Package Descriptions

Worksheet Exchange Package Version 3.0

Package Pre-requisites

- Worksheet Exchange Package 2.0
- Reference Package 2.0
- Human Resources 2.0



Task Name	Duration	Start	Finish
Reference Package V 2.0	210 days	Wed 01/31/01	Tue 11/20/01
Support Services Package V 1.1	210 days	Wed 01/31/01	Tue 11/20/01
WBX Package V 2.0	223 days	Fri 01/12/01	Tue 11/20/01
Execution Work Management Package V 3.0	204 days	Tue 10/16/01	Fri 07/26/02
Intranet Package V 3.0	210 days	Tue 11/13/01	Mon 09/02/02
Support Services Package V 2.0	210 days	Wed 11/21/01	Tue 09/10/02
Management Package V 2.0	210 days	Wed 11/21/01	Tue 09/10/02
Execution Work Management Package V 3.1	210 days	Mon 07/29/02	Fri 05/16/03
Support Services Package V 3.0	210 days	Wed 09/11/02	Tue 07/01/03
Management Package V 3.0	210 days	Wed 09/11/02	Tue 07/01/03
Support Services Package V 4.0	210 days	Wed 07/02/03	Tue 04/20/04
Management Package V 4.0	210 days	Wed 07/02/03	Tue 04/20/04
Human Resources Package V 1.0	210 days	Mon 02/02/04	Fri 11/19/04
Human Resources Package V 2.0	210 days	Mon 11/22/04	Fri 09/09/05
WBX Package V 3.0	1007 days	Thu 11/22/01	Fri 09/30/05

Related Business Activities

- Issue Budget Call

Proposed Technology Projects (FY 2001-2002)

INTRODUCTION

The following projects are drawn from the Office of Science (SC) Technology Architecture Report, updated in 2000, reflecting both industry trends and user input regarding their needs for tools for information management (IM). SC-621 uses technology projects to advance the computing power of the SC community, so as to support the business needs of SC effectively and efficiently, in accord with SC's published IM Principles.

Project activities. Each project encompasses several specific actions. As a project, it is intended to cover the entire cycle of actions that are involved in accomplishing its goal. Specific business requirements are collected. Users and technical staff work jointly in system design and selection. Outdated systems are retired and removed. New systems are installed and thoroughly tested. Legacy data is converted. Users are trained as necessary. Technical staff is readied to provide support for the users. The summary of each proposed project listed below presupposed that the implementation of that project also covers all of these actions.

Categories of projects. The proposed projects can be categorized according to the types of computing services that they affect. Although 10 technology categories are recognized in the annual SC Technology Architecture Report, the projects below can be grouped more simply into four technology areas: Desktop, Database, Network and OS, and Security. Of course, these areas are not independent of one another, and several projects are certain to offer benefits to more than one area of technology.

Industry trends. In general, these projects recognize two important realities about the IM market. First, users are becoming more flexible in the tools they use to access their information. Within the next two years it will become common to see cell phones, personal digital assistants (PDAs), handheld computers, and Web interfaces, as the devices used to perform work on SC information. Furthermore, these devices will be used from any possible remote site: home, conference rooms, hotels, universities, laboratories, and international locations. Such usage also touches on many security issues. Second, the kind of information that will be accessed will be more complex and greater in volume than ever before. Data files will grow, conversion of data from one format to another will happen continuously, and the devices that people use will require large bandwidth and effective data compression.

The proposed projects are oriented toward both these realities. A common theme is Web-based deployment of services, with the attendant issues of security, bandwidth, and client-platform diversity. A second theme can be summed up as sheer bulk. Several of these projects address the infrastructure required to handle the foreseeable massive growth of data that will characterize future IM usage.

Proposed Technology Projects (FY 2001-2002)

MS Office 2000 and Project 2000 Upgrades *[Desktop]*

Delivery Schedule

10/02/2000 – 10/27/2000

Description

Upgrade current desktop suite to MS Office 2000 and MS Project 2000 to provide an environment that is COM-compliant and VBA-capable and that interoperates with MS Windows 2000 directory services, specifically MS Active Directory. This upgrade is the natural progression from the current MS desktop-suite installation. Office 2000 addresses the following Technology Architecture components: document processor, spreadsheets, and in general the suite of desktop authoring tools. Project 2000 addresses project management. [This project is already far along in SC-621 operational planning.]

Technology Project Dependencies

Technology Project	Delivery Date
N/A	N/A

Package(s) Dependent on this Technology

- Support Services Package
- Intranet Package
- Execution Work Management Package
- Worksheet Exchange Package
- CHRIS (requires word)
- Indirectly supports all Business Activities / Packages

Justification

Technology Positioning Statements (draft of 2000 update):

- "End-User Tools – Productivity Elements – Document Processor" (01)
- "End-User Tools – Productivity Elements – Authoring Tools and Suites" (02)
- "End-User Tools – Productivity Elements – Project Management" (03)
- "End-User Tools – Productivity Elements – Spreadsheets" (04)
- "End-User Tools – Productivity Elements – Graphics" (05)
- "End-User Tools – Productivity Elements – Speech Recognition" (06)
- "End-User Tools – Workgroup Computing – Collaborative Services" (08)
- "Infrastructure Services – Directory Services" (24)

Supported systems, applications, and offices

- All supported applications
- CHRIS
- Executive Secretariat mandate

The upgrades of the SC standard office suite are essential to the adoption of:

- Worksheet Exchange (WSX) which requires Excel 2000
- Active Directory, which will provide for improved interoperability, customizability, and security.

Proposed Technology Projects (FY 2001-2002)

Graphics Toolset *[Desktop]*

Delivery Schedule

10/02/2000 – 02/02/2001

Description

Implementation of unified toolset for creating, editing, publishing, archiving, and retrieving static graphics (images), including presentation, clip art, engineering and line drawings, hand-drawn graphics, and photographs. The toolset will provide graphics browsing (e.g., with thumbnail displays) and graphics search engine, analogous to current file searches based on text content. Toolset will be fully integrated with SC Technology Architecture for complete integration with static text, multimedia data, and hardware for creating and inputting graphics (digital cameras, graphics tablets, etc.). Toolset will support multiple data types that are in wide use in the market, including video, audio, graphics, and will provide data-conversion facilities.

Technology Project Dependencies

Technology Project	Delivery Date
N/A	N/A

Package(s) Dependent on this Technology

- Supports all Business Activities / Packages.
- Worksheet Exchange Package
- Intranet Package

Justification

Technology Positioning Statements (draft of 2000 update):

- "End-User Tools – Productivity Elements – Document Processor" (01)
- "End-User Tools – Productivity Elements – Authoring Tools and Suites" (02)
- "End-User Tools – Productivity Elements – Graphics" (05)
- "Desktop – Hardware – Printers" (12)
- "Infrastructure Services – Web Information Delivery" (19)
- "Enterprise Services – Document and Multimedia Management (34)"

The user community sees an urgent need for utilities to convert graphics data files among the various industry formats and to provide quick-viewing or thumbnail-viewing options such as a graphics browser might provide. It also notes a longer-term need for a graphics search engine and for Web-based graphics browsing.

Graphics users currently feel that they receive no support in this area from the IM office. Graphics tools must come under the scrutiny and control of Information Architecture to assure interoperability and customizability through COM and VBA. Graphics editing and authoring systems that do not confirm to the SC Technology Architecture should be retired or contained. In addition, advanced tools such as search and browsing capabilities are fundamental to the future implementation of document management systems that will include all forms of multimedia data.

Proposed Technology Projects (FY 2001-2002)

Windows 2000 Workstation Deployment *[Desktop]*

Delivery Schedule

10/02/2000 – 05/11/2001

Description

Deployment of MS Windows 2000 OS to replace MS Windows 95. [This project is already far along in SC-621 operational planning.]

Technology Project Dependencies

Technology Project	Delivery Date
N/A	N/A

Package(s) Dependent on this Technology

- Supports all Business Activities / Packages
- All desktop-based applications

Justification

Technology Positioning Statements (draft of 2000 update):

- "Desktop – Operating System" (10)
- "Desktop – Hardware – Workstation" (11)
- "Infrastructure Services – Network OS" (23)
- "Infrastructure Services – Directory Services" (24)

The FY 1999 and FY 2000 upgrade of all network server equipment to Microsoft Windows NT unified the server OS environment at SC. For complete interoperability and full benefits of the security of Windows NT and its upgrade, Windows 2000, it is now necessary to install all desktop machines with Windows 2000, too. SC prepared for this upgrade in FY 2000 by replacing all desktop hardware with machines that would be able to support all Windows 2000 operations. This OS in turn directly supports the variety of functions of Active Directory, facilitates remote maintenance, inventory, and automated software rollout, and provides a robust platform for advanced computing features such as multimedia and streaming media, speech recognition, and the entire breadth of desktop application services that are used in SC.

Proposed Technology Projects (FY 2001-2002)

Retire Desktop Hardware and Software *[Desktop]*

Delivery Schedule

(present) – 09/30/2001

Description

Complete the retirement process for Macintosh desktop computers. [This project was initiated in FY 1999 and is target for completion by the end of FY 2001.]

Technology Project Dependencies

Technology Project	Delivery Date
N/A	N/A

Package(s) Dependent on this Technology

- Supports all Business Activities / Packages.
- Indirect support for Windows-based applications.

Justification

Technology Positioning Statements (draft of 2000 update):
- "Desktop – Operating System" (10)
- "Desktop – Hardware – Workstation" (11)

The SC Director and ESC approved the retirement of all Macintosh hardware and software on a three-year schedule. This project began in FY 1999 and will finish its course by the end of FY 2001 (September 30, 2001).

Proposed Technology Projects (FY 2001-2002)

Network Redesign for Web-Enabled Applications *[Network/OS]*

Delivery Schedule

05/14/2001– 12/21/2001

Description

Redesign and implementation of SC network infrastructure to enhance robustness, security, and reliability. Technologies to be enhanced would be load-balancing functions, discrete layer for presentation and caching, application layer, data system, and backup and disaster recovery solutions.
Currently, software based TCP/IP load-balancing (Windows Load Balancing Services - WLBS) is being used to support web-based applications (such as IMSC). There's no separation between load-balancing and presentation layer (Internet Information Server - IIS); there's no caching layer; application, data, and backup/disaster recovery layers are not discretely defined. Unstructured network data is not consolidated. Directory services are not implemented.
In the future we would like to deploy sophisticated hardware based load balancers; separate load balancing and presentation layers; add caching layer; discretely define app, data, and backup layers; add load-balancing at the application level; consolidate unstructured network data and create data warehousing platforms; implement directory services to support various features, including single-logon for user authentication.
This project expands the conceptual server layout as detailed in the Technology Architecture Report of 1999.

Technology Project Dependencies

Technology Project	Delivery Date
Windows 2000 Workstation Deployment	05/11/2001
Cyber Security Implementation	04/12/2002

Package(s) Dependent on this Technology

- Supports all Business Activities / Packages
- All architected applications, plus indirect support for all desktop-based and remote-client-based applications.

Justification

Technology Positioning Statements (draft of 2000 update):
- "Enterprise Network – Hardware – Servers" (37)
- "Infrastructure Services – Remote Access" (18)
- "Infrastructure Services – Web Information Delivery" (19)
- "Systems Management – Systems and Network Management" (27)
- "Security – Data Backup and Redundancy" (30)

The continuing growth of the infrastructure needed to support the rise in remote access to SC applications and databases mandates a reliable and robust configuration of network servers and their support equipment. The migration of the SC corporate database to a Web platform dictates a full set of security precautions, load-balancing for peak usage and fault tolerance requirements, and N-tier processing with multiple layers of services. It is essential to prepare for the production rollout of IMSC and the Intranet Package(s) by providing the supporting hardware configurations in advance.

Proposed Technology Projects (FY 2001-2002)

Windows 2000 Server Upgrade *[Network/OS]*

Delivery Schedule

10/01/2001– 03/29/2002

Description

Upgrading the network servers to Windows 2000 operating system will facilitate infrastructure upgrades necessary to take advantage of the operating systems advances in 1) increased reliability and scalability, 2) reduced costs through improved end-to-end management capabilities, and 3) comprehensive Internet and applications support.

Technology Project Dependencies

Technology Project	Delivery Date
N/A	N/A

Package(s) Dependent on this Technology

- Supports all Business Activities / Packages

Justification

Technology Positioning Statements (draft of 2000 update):

- "Desktop - Operating System" (10)
- "End-User Tools - Productivity Elements - Document Processor" (01)
- "End-User Tools - Productivity Elements - Authoring Tools and Suites" (02)
- "End-User Tools - Productivity Elements - Project Management" (03)
- "End-User Tools - Productivity Elements - Spreadsheets" (04)
- "End-User Tools - Productivity Elements - Graphics" (05)
- "End-User Tools - Productivity Elements - Speech Recognition" (06)
- "End-User Tools - Workgroup Computing - Collaborative Services" (08)
- "Infrastructure Services - Remote Access" (18)
- "Infrastructure Services - Web Information Delivery" (19)
- "Infrastructure Services - Streaming Media" (22)
- "Infrastructure Services - Network Operating System" (23)
- "Infrastructure Services - Directory Services" (24)
- "Infrastructure Services - E-Mail - Enterprise E-Mail" (25)
- "Systems Management - Systems and Network Management" (24)
- "Enterprise Services - Document and Multimedia Management" (34)
- "Enterprise Network - Hardware - Servers" (37)

The wide-ranging requirements of the Office of Science for IM services requires the most robust, most up-to-date, and most widely supported network operating system available, namely Windows 2000. This network OS is fundamental for SC's long-term technology strategies. Despite the name change, Windows 2000 is in fact a direct upgrade to Windows NT 4.0, which has long been in use in SC and which in FY 2000 has been installed as the operating system on all SC network server equipment. Most

importantly, Windows 2000 supports Active Directory, the directory services system that will promote unified access and single log-in to network services, substantially increase the security of network access, and improve network management and monitoring. Secondly, all custom database systems, including IMSC, the Intranet Package(s), e-mail, and the major legacy systems, will benefit from the enhanced reliability and security offered by a Windows 2000 platform. The upgrade also contains the infrastructure needed to fully support upgrades to desktop authoring tools, including the document processor, the spreadsheet system, and so forth. Advanced services such as the infrastructure for remote access, hosting of Web sites, document management, and hosting and distribution of streaming media, all require the upgrade features of Windows 2000. Furthermore, the continuing evolution of server hardware requires the most current network OS in order to function efficiently.

Proposed Technology Projects (FY 2001-2002)

Cyber Security Implementation *[Security]*

Delivery Schedule

10/02/2000 – 04/12/2002

Description

It is a new world, one rich in opportunities, enabled by the emergence of the distributed, networked computing environments. Networks are constantly changing to take advantage of and boost productivity by using Internet & Intranet technologies. While these technologies increase efficiency, they have also increased security risks. The mission of the Cyber Security project is to mitigate (lessen) those risks by employing technologies and methods that would allow to guard data transmission, storage, and overall data integrity; as well as to alert network support teams of any suspicious activities.

Internal Protection:

1. Information security policy will be generated and distributed to all SC LAN users to make them aware of security threats and to re-iterate their individual responsibilities.
2. User Accounts and Access Control policies will be created to provide network support staff with guidelines on how LAN user accounts are to be created and maintained (including recommendations on passwords strength), and on how access to the data residing on the network is to be controlled.
3. Anti-Virus and E-mail policies will be created to protect SC LAN from most common and widespread type of attacks – worm viruses.
4. Host & Network Security policies will be created to provide guidelines on a proper level of security for all SC LAN servers, inter-networking equipment, and other connected devices.
5. Data Integrity & Disaster Recovery policies will be created to provide guidelines on suitable practices and applicable technologies to safeguard the integrity and to allow for recoverability of networked data.
6. Auditing mechanisms will be put in place to insure the compliance with all policies mentioned above.

External Protection:

1. Intrusion Detection System will be considered to keep a watchful eye on SC's network traffic and to alert network support staff of all suspicious activities.
2. Security Scanners will be deployed to allow for the discovery of security related vulnerabilities, and hence early prevention of security threats.
3. PKI/Encryption technologies will be considered to provide services such as digital signatures and authentication, and data encryption.

Technology Project Dependencies

Technology Project	Delivery Date
N/A	N/A

Package(s) Dependent on this Technology

- Supports all Business Activities / Packages

Justification

This is the implementation project corresponding with the Cyber Security Protection Plan (CSPP).

Proposed Technology Projects (FY 2001-2002)

Multimedia Toolset *[Desktop]*

Delivery Schedule

12/24/2001 – 04/26/2002

Description

Implementation of unified toolset for creating, editing, publishing, archiving, and retrieving multimedia, including presentation, sound and voice, animation, full-motion video, and streaming media. Toolset will be fully integrated with SC Technology Architecture for complete integration with static text and graphical data and with media-input hardware (video cameras, microphones, etc.). Toolset will support multiple data types that are in wide use in the market, including video, audio, graphics, and will provide data-conversion facilities.

Technology Project Dependencies

Technology Project	Delivery Date
Network Redesign for Web-Enabled Applications	12/21/2001

Package(s) Dependent on this Technology

- Support Services Package
- Intranet Package
- Management Package

Justification

Technology Positioning Statements (draft of 2000 update):

- "End-User Tools – Productivity Elements – Authoring Tools and Suites" (02)
- "End-User Tools – Productivity Elements – Graphics" (05)
- "Infrastructure Services – Streaming Media" (22)
- "Enterprise Services – Document and Multimedia Management" (34)

This project is in direct response to business needs and corresponds to an Applix ticket.

Multimedia tools must come under the control of Information Architecture to assure interoperability and customizability through COM and VBA. Multimedia tools that align with the SC Technology Architecture should be researched and evaluated for adoption. In addition, advanced tools such as search and browsing capabilities are fundamental to the future implementation of document management systems that will include all forms of multimedia data, including audio, video, animation, and streaming-media versions of all multimedia.

Proposed Technology Projects (FY 2001-2002)

Decision Support System *[Network/OS]*

Delivery Schedule

12/24/2001 – 06/07/2002

Description

Implement a preliminary decision support system to tap the broad spectrum of SC data and filter it directly for management use. System should incorporate online analytical processing functionality (OLAP).

Technology Project Dependencies

Technology Project	Delivery Date
Network Redesign for Web-Enabled Applications	12/21/2001

Package(s) Dependent on this Technology

- Supports all Business Activities / Packages

Justification

Technology Positioning Statements (draft of 2000 update):

- "Enterprise Services - Decision Support Systems" (35)

The design of IMSC as a corporate information store makes it a leading candidate as the cornerstone element in an SC decision support system (DSS). The introduction of the Intranet Package(s) also facilitates the use of such DSS activities as data warehousing, data mining, and automated search of enterprise data with what-if scenarios. No system currently supports high-level management directly with such summary information as a DSS can provide.

Proposed Technology Projects (FY 2001-2002)

Streaming Media Infrastructure Support *[Network/OS]*

Delivery Schedule

04/29/2002– 09/13/2002

Description

Provide infrastructure components to support the development and publication of streaming-media data. (This project will directly support the proposed Multimedia Toolset project.) It will provide the data storage and retrieval, high-speed processing, and high bandwidth requirements necessitated by the editing and publication of streaming media (both recorded and live audio and video).

Technology Project Dependencies

Technology Project	Delivery Date
Multimedia Toolset	04/26/2002

Package(s) Dependent on this Technology

- Execution Work Management Package, all versions
- Human Resources Package, all versions
- Management Package, all versions
- Reference Package, all versions
- Intranet Package, all versions

Justification

Technology Positioning Statements (draft of 2000 update):

- "End-User Tools – Productivity Elements – Speech Recognition" (06)
- "End-User Tools – Workgroup Computing – Collaborative Services" (08)
- "Enterprise Services – Document and Multimedia Management" (34)

As the definition of a "document" continues to expand in the user community, it will include not merely text, tables, and graphics, but also time-constrained media, such as audio and video. Support for passive use of streaming media generally requires only robust desktop workstations, but the creation, editing, hosting, and distribution of streaming media data will place a measurable burden on the SC infrastructure, requiring the enhancement of appropriate servers, bandwidth, and supporting software.

Proposed Technology Projects (FY 2001-2002)

Document and Multimedia Management Infrastructure *[Database]*

Delivery Schedule

12/10/2001 – 04/26/2002

Description

Select, configure, test, and install the hardware and software needed to implement document and multimedia management (generally known as document management) in SC. Technologies may include improved data storage repositories, software for electronic records management, optical character recognition, and metadata systems, along with appropriate hardware such as high-speed scanners and hierarchical storage management systems.

Technology Project Dependencies

Technology Project	Delivery Date
Network Redesign for Web-Enabled Applications	12/21/2001
Graphics Toolset	02/02/2001
Multimedia Toolset	04/26/2002

Package(s) Dependent on this Technology

- Supports all Business Activities / Packages

Justification

Technology Positioning Statements (draft of 2000 update):

- "Enterprise Services - Document and Multimedia Management" (34)

This topic is the recent expansion, at the request of users in the FY 2000 Technology Architecture interviews, of the former Document Management statement. It encompasses the full range of hardware and software necessary for storage, indexing, location, and retrieval of multiple types of user-generated data files, including documents, presentations, graphics, scanned images, recordings, and similar document, audio, and visuals files. Currently organization of user-generate COTS data files, which constitute the bulk of this material, is entirely dependent on the individual: users must determine in which directory to store a new file and whether to create a new subdirectory, users must search for old files either visually or by the limited search facilities offered by a word processor package or by the e-mail system, and users generally do not provide any profiles for document since the current COTS systems offer only user-hostile profiling systems, if they do so at all. Document and multimedia management made available at the network infrastructure level will substantially improve these processes, along with offering search facilities on previously unsearchable types of data, such as graphics, audio, and video files.

Proposed Technology Projects (FY 2001-2002)

Desktop Conferencing *[Desktop]*

Delivery Schedule

04/29/2002 – 09/13/2002

Description

Assess and deploy desktop conferencing facility via ATM or ISDN on users' workstations. Conferencing options may range from simple document sharing on up to full-motion two-way video and audio communication. Infrastructure options may include extension of the IDSN infrastructure in use currently for group videoconferencing. Bandwidth utilization and quality-of-service (QoS) considerations will require network-based tools and monitoring for optimal functionality. Hardware deployments may require microphones, cameras, and multi-point control hardware and software.

Technology Project Dependencies

Technology Project	Delivery Date
Multimedia Toolset	04/26/2002

Package(s) Dependent on this Technology

- Intranet Package

Justification

Justification: Technology Positioning Statements (draft of 2000 update):

- "End-User Tools – Productivity Elements – Document Processor" (01)
- "End-User Tools – Productivity Elements – Authoring Tools and Suites" (02)
- "End-User Tools – Productivity Elements – Project Management" (03)
- "End-User Tools – Productivity Elements – Spreadsheets" (04)
- "End-User Tools – Productivity Elements – Graphics" (05)
- "End-User Tools – Productivity Elements – Speech Recognition" (06)
- "End-User Tools – Workgroup Computing – Collaborative Services" (08)

The primary purpose of desktop conferencing is application-sharing and the support of collaborative activities. All end-user tools therefore benefit from desktop conferencing capability.

Proposed Technology Projects (FY 2001-2002)

Exchange Platinum Upgrade *[Network/OS]*

Delivery Schedule

04/29/2002 – 09/13/2002

Description

Upgrading Exchange to v6.0 (code name Platinum) will provide benefits in three main areas. Primarily, with a higher degree of integration with Windows 2000 operating system, there will be greater reliability, security, and scalability that will result in lower cost of ownership. Second, providing a single store for information management will allow expanded utilization of information within the Exchange store. Last, communication anytime, anywhere via unified messaging, wireless access, and support a large range of devices..

Technology Project Dependencies

Technology Project	Delivery Date
Windows 2000 Server Upgrade	03/29/2002

Package(s) Dependent on this Technology

- Intranet Package

Justification

Technology Positioning Statements (draft of 2000 update):

- "Infrastructure Services - E-Mail - Enterprise E-Mail" (25)

E-mail upgrading is a given. Advanced features of the "Platinum" upgrade to Microsoft Exchange include instant messaging, complete integration with MS Windows 2000 and MS Active Directory (the unified directory services system based on the network operating system), improved security for e-mail and messaging, unified e-mail administration, and better service to multiple e-mail clients (such as MS Outlook, Web-based e-mail access, etc.), system redundancy for more up-time and better reliability, and monitoring of MS Exchange servers. Eng-user improvements include enhanced searching, automated content indexing, automatic launch and/or view of a wide range of file attachment types, multiple clients such as MS Outlook, POP3, Web, MS Office 2000, and Windows Explorer.

Proposed Technology Projects (FY 2001-2002)

Citrix Upgrade *[Network/OS]*

Delivery Schedule

04/02/2002 – 09/30/2002

Description

Upgrade Citrix to support dial-in remote access to SC services.

Technology Project Dependencies

Technology Project	Delivery Date
N/A	N/A

Package(s) Dependent on this Technology

- Intranet Package
- Supports all Business Activities / Packages

Justification

Justification: Technology Positioning Statements (draft of 2000 update):

- "Infrastructure Services - Remote Access" (18)
- "Infrastructure Services - Web Information Delivery" (19)
- "Security - Data Backup and Redundancy" (30)
- "End-User Tools - Remote Access Client" (07)

Specific services must be enhanced to provide for the projected increase in remote access and the use of Web delivery of IMSC and the Intranet Package(s) functionality to SC users. Bandwidth, access ports, automated usage auditing, and similar services are fundamental in providing 24x7 access, data security, and the ability to service remote clients as diverse as laptops, palmtop computers, and cell phones. In addition to using corporate databases, SC staff will look for increased functionality in application servers and in ubiquitous e-mail access, and these enhancements all depend on a "fat" infrastructure to support them.

Proposed Technology Projects (FY 2001-2002)

Active Directory Implementation *[Network/OS]*

Delivery Schedule

04/02/2002 – 09/30/2002

Description

This project involves implementing Microsoft Windows 2000 Active Directory. Active Directory provides secure, structured, hierarchical storage of information about the interesting objects contained within the enterprise network; such as users, computers, services, and so on. The directory provides rich support for locating and working with these objects.

Technology Project Dependencies

Technology Project	Delivery Date
Windows 2000 Workstation Deployment	05/11/2001
Windows 2000 Server Upgrade	03/29/2002

Package(s) Dependent on this Technology

- Intranet Package
- Supports all Business Activities / Packages

Justification

Technology Positioning Statements (draft of 2000 update):

- "Infrastructure Services - Network Operating System" (23)
- "Infrastructure Services - Directory Services" (24)
- "Security - Virus Protection" (28)
- "Security - Digital Authentication" (29)
- "Security - Data Backup and Redundancy" (30)
- "Security - Transport and Network" (31)
- "Security - Application Services" (32)
- "Security - Datalink and Encryption" (33)

Directory services touches on all aspects of access rights, security, and communication support at the network level, tying together in one database the control of access to databases, files, and network resources, and the management and auditing of the network. As a result, Active Directory, which requires Windows 2000 to function, is necessary for all matters of network security. It also enables "single log-in" to major database applications such as IMSC and FMIS, which will facilitate their use by SC staff members. Active Directory handles network-level messaging and controls users accessing SC systems remotely, particularly those systems that are accessed via the Web, which includes IMSC and the Intranet Package(s).

New Strategic Plan Capabilities (FY 2001-2005)

Capability Name	Capability Description	Package Name	Version	Delivery Date
Interface with FMIS	Provide an electronic interface between SC-63 Budget Analysts and Program Offices allowing for a streamlined update of FMIS Budget Information.	Worksheet Exchange Package	1.0	01/11/01
Record Budget Info	Allows program offices to structure and group budget data in a customized form.	Worksheet Exchange Package	2.0	11/20/01
Manage Budget Scenario	Calculate advanced comparisons between worksheet versions.	Worksheet Exchange Package	2.0	11/20/01
Monitor Budget Process	Allow multiple viewing of budget worksheets.	Worksheet Exchange Package	2.0	11/20/01
Multi-task Budget Input	Allow program offices to split worksheets for updating by multiple sources.	Worksheet Exchange Package	2.0	11/20/01
Public Information Services	Provide the capability to create, access and manage links to public information sources such as SC Home Page, DOE Home Page, user defined links, etc.	Intranet Package	1.0	01/22/01
Publishing Capability	Provide the ability to publish and subscribe to enterprise information.	Intranet Package	1.0	01/22/01
Access Web-Enabled Applications	Provide access to web-enabled enterprise applications (these include IMSC, Daytimer, Employee Phonebook).	Intranet Package	1.0	01/22/01
News Channels	Provide links to pertinent News sources such as CNN scientific headlines, MSNBC, etc.	Intranet Package	2.0	11/12/01
Solicitations	Provide access to current DOE SC Solicitations.	Intranet Package	2.0	11/12/01
Grants Application Policies	Provide access to DOE SC Grant Application Policies.	Intranet Package	2.0	11/12/01
Video Streaming	Provide ability to host and access video.	Intranet Package	2.0	11/12/01
Organization Specific	Provide messaging related to Organization specific information within an organization. Examples include the publishing of space planning services, office layouts.	Intranet Package	2.0	11/12/01
Organization Charts	Provide access to Organizational Charts and general information.	Intranet Package	2.0	11/12/01
Travel/Map/Transportation Services	Provides capability to access travel information.	Intranet Package	2.0	11/12/01
Support Document Management	Provide access to enterprise document management functions.	Intranet Package	2.0	11/12/01
Support Records	Provide access to future enterprise records management functions.	Intranet Package	2.0	11/12/01

New Strategic Plan Capabilities (FY 2001-2005)

Capability Name	Capability Description	Package Name	Version	Delivery Date
Management				
Workflow Capability	Provide enhanced workflow capabilities.	Intranet Package	2.0	11/12/01
Projects Management	Provides the user with enhanced document / object / task management features.	Intranet Package	2.0	11/12/01
Field Office Integration	Provide capabilities for field office access to specific business activities and enterprise information.	Intranet Package	2.0	11/12/01
SC Support Center Applix Web Access	General IM management and communication functions to be enhanced.	Intranet Package	2.0	11/12/01
IMSC Decomposed	Provide access to decomposed IMSC functionality based on user profile.	Intranet Package	2.0	11/12/01
Access Web-Enabled Applications	Provide access to web-enabled enterprise applications.	Intranet Package	2.0	11/12/01
Project Management	Provide the enhance capability to manage project information in folders that are embedded within the portal.	Intranet Package	3.0	09/02/02
Peer Reviews	Provide the capability to remotely receive/submit electronic reviews of proposals and other information.	Intranet Package	3.0	09/02/02
Synchronous Collaboration Applications	Provide capabilities to access electronic chat, white boarding, and electronic meeting technologies.	Intranet Package	3.0	09/02/02
Access Web-Enabled Applications	Provide access to web-enabled enterprise applications.	Intranet Package	3.0	09/02/02

New Strategic Plan Capabilities (FY 2001-2005)

Capability Name	Capability Description	Package Name	Version	Delivery Date
Interface with FMIS	Provide an electronic interface between SC-63 Budget Analysts and Program Offices allowing for a streamlined update of FMIS Budget Information.	Worksheet Exchange Package	1.0	01/11/01
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Manage Budget Scenario	Calculate advanced comparisons between worksheet versions.	Worksheet Exchange Package	2.0	11/20/01
Monitor Budget Process	Allow multiple viewing of budget worksheets.	Worksheet Exchange Package	2.0	11/20/01
Multi-task Budget Input	Allow program offices to split worksheets for updating by multiple sources.	Worksheet Exchange Package	2.0	11/20/01
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News Channels	Provide links to pertinent News sources such as CNN scientific headlines, MSNBC, etc.	Intranet Package	2.0	11/12/01
Solicitations	Provide access to current DOE SC Solicitations.	Intranet Package	2.0	11/12/01
Grants Application Policies	Provide access to DOE SC Grant Application Policies.	Intranet Package	2.0	11/12/01
Video Streaming	Provide ability to host and access video.	Intranet Package	2.0	11/12/01
Organization Specific	Provide messaging related to Organization specific information within an organization. Examples include the publishing of space planning services, office layouts.	Intranet Package	2.0	11/12/01

New Strategic Plan Capabilities (FY 2001-2005)

Capability Name	Capability Description	Package Name	Version	Delivery Date
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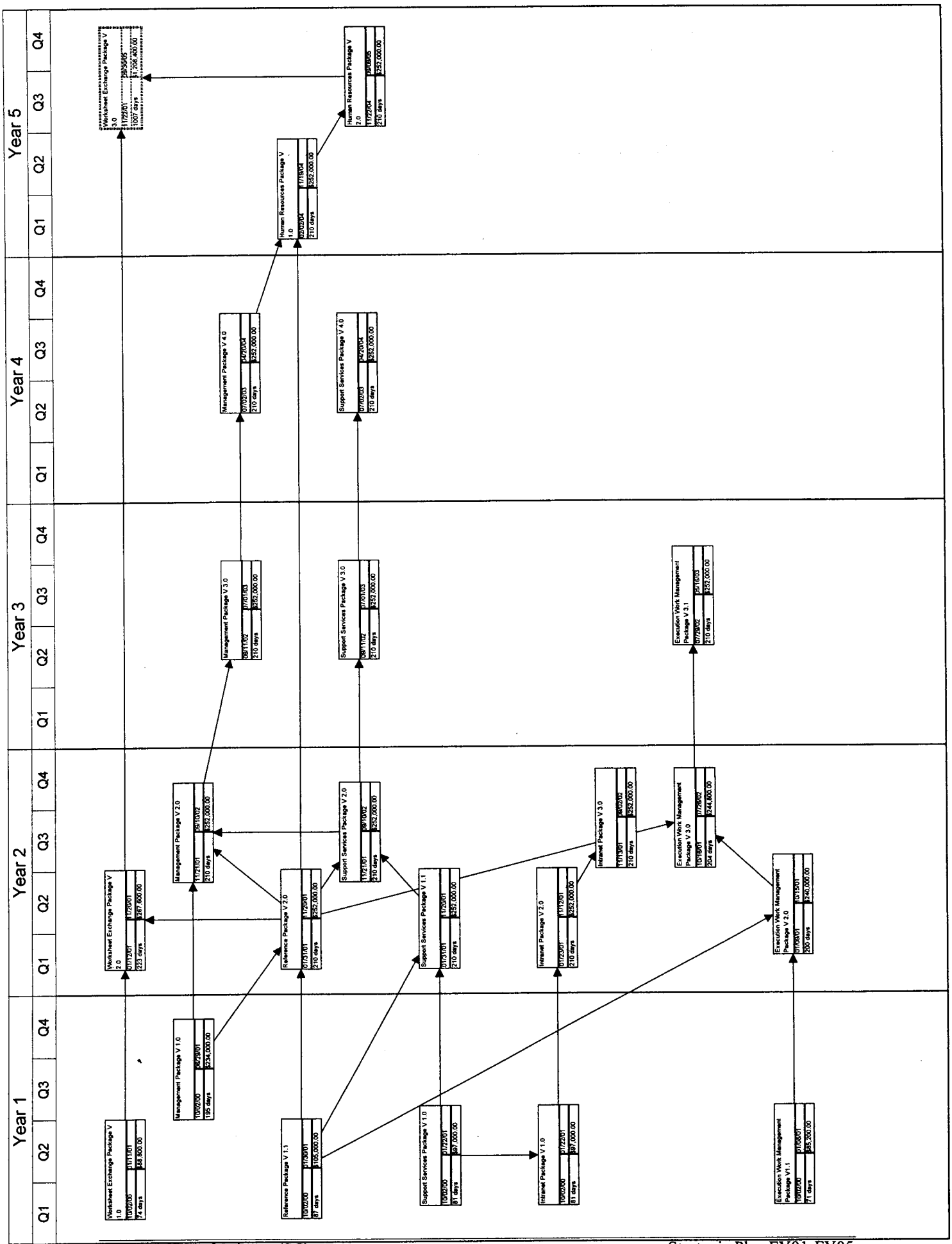
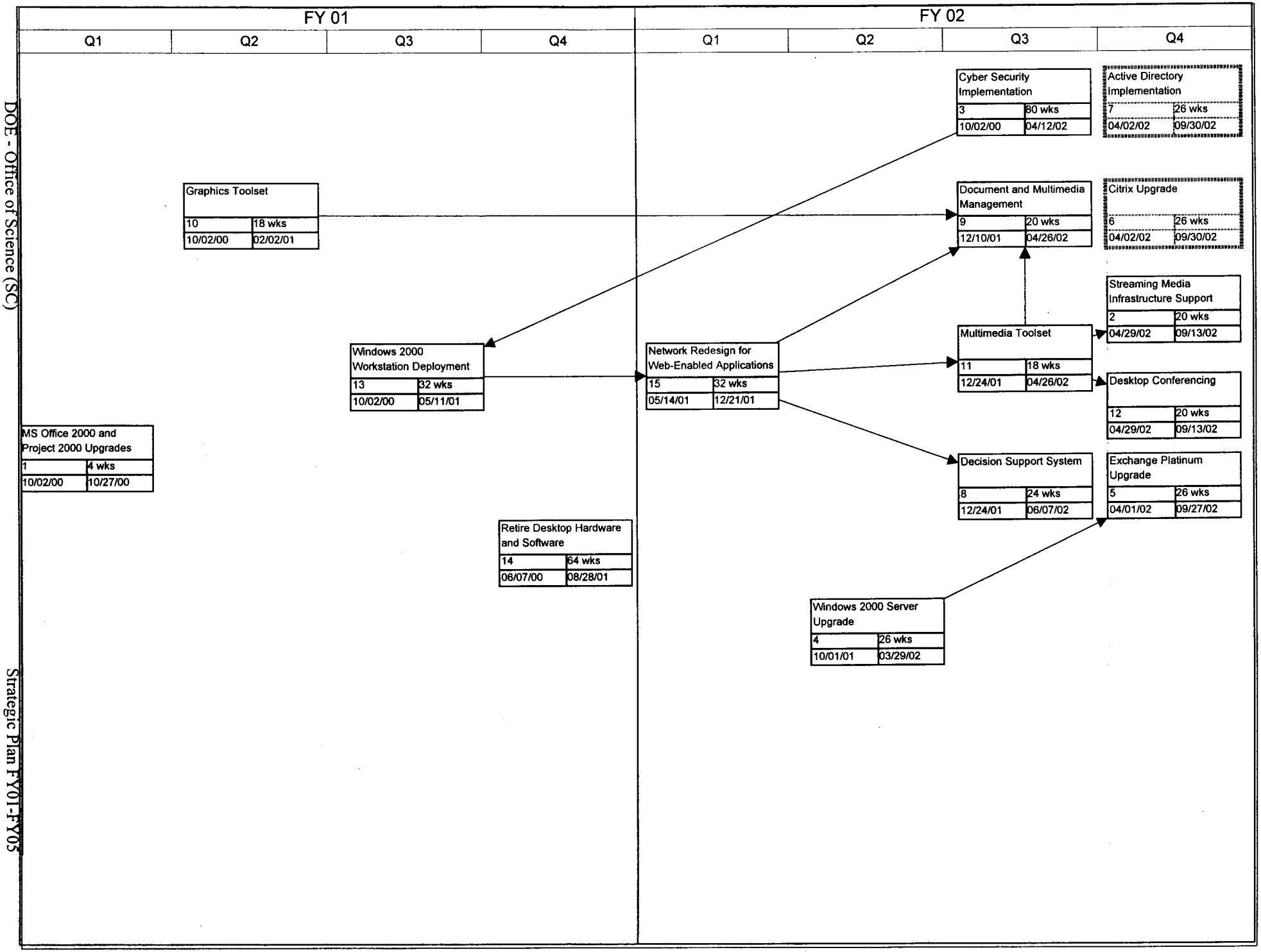
Travel/Map/Transportation Services	Provides capability to access travel information.	Intranet Package	2.0	11/12/01
Support Document Management	Provide access to enterprise document management functions.	Intranet Package	2.0	11/12/01
Support Records Management	Provide access to future enterprise records management functions.	Intranet Package	2.0	11/12/01
Workflow Capability	Provide enhanced workflow capabilities.	Intranet Package	2.0	11/12/01
Projects Management	Provides the user with enhanced document / object / task management features.	Intranet Package	2.0	11/12/01
Field Office Integration	Provide capabilities for field office access to specific business activities and enterprise information.	Intranet Package	2.0	11/12/01
SC Support Center Applix Web Access	General IM management and communication functions to be enhanced.	Intranet Package	2.0	11/12/01
IMSC Decomposed	Provide access to decomposed IMSC functionality based on user profile.	Intranet Package	2.0	11/12/01
Access Web-Enabled Applications	Provide access to web-enabled enterprise applications.	Intranet Package	2.0	11/12/01
Project Management	Provide the enhance capability to manage project information in folders that are embedded within the portal.	Intranet Package	3.0	09/02/02
Peer Reviews	Provide the capability to remotely receive/submit electronic reviews of proposals and other information.	Intranet Package	3.0	09/02/02
Synchronous Collaboration Applications	Provide capabilities to access electronic chat, white boarding, and electronic meeting technologies.	Intranet Package	3.0	09/02/02
Access Web-Enabled Applications	Provide access to web-enabled enterprise applications.	Intranet Package	3.0	09/02/02


FY2001-FY2005 Strategic Plan Development Project Package Dependencies
Year 1
Year 2
Year 3
Year 4
Year 5
Q1
Q2
Q3
Q4
Worksheet Exchange Package V 1.0
Worksheet Exchange Package V 2.0
Worksheet Exchange Package V 3.0
Management Package V 1.0
Management Package V 2.0
Management Package V 3.0
Management Package V 4.0
Reference Package V 1.1
Reference Package V 2.0
Support Services Package V 1.0
Support Services Package V 1.1
Support Services Package V 2.0
Support Services Package V 3.0
Support Services Package V 4.0
Intranet Package V 1.0
Intranet Package V 2.0
Intranet Package V 3.0
Execution Work Management Package V1.1
Execution Work Management Package V 2.0
Execution Work Management Package V 3.0
Execution Work Management Package V 3.1
Human Resources Package V 1.0
Human Resources Package V 2.0

FY2001-FY2005 Strategic Plan Technology Project Dependencies (for FY01 through FY 02)



FY 2001 - FY 2005 STRATEGIC PLAN
DEVELOPMENT PROJECT / RETIREMENT PROJECT RELATIONSHIPS

ACTION			**Scheduled Retirement Date: FY02 Q1**
Support Services Package	1.1	FY02 Q1	
APPR			**Scheduled Retirement Date: FY00 Q2**
Reference Package	1	FY00 Q2	
BBOOK			**Scheduled Retirement Date: FY00 Q2**
Reference Package	1	FY00 Q2	
Daytimer			**Scheduled Retirement Date: FY03 Q4**
Support Services Package	3	FY03 Q4	
DOCLOG			**Scheduled Retirement Date: FY02 Q4**
Support Services Package	2	FY02 Q4	
DOE-ADDS			**Scheduled Retirement Date: FY01 Q2**
Reference Package	1.1	FY01 Q2	
DOE-CHRIS			**Scheduled Retirement Date: FY05 Q4**
Human Resources Package	2	FY05 Q4	
Reference Package	2	FY02 Q1	
Reference Package	1	FY00 Q2	
DOE-DISCAS			**Scheduled Retirement Date: FY03 Q4**
Management Package	3	FY03 Q4	
DOE-DTIS			**Scheduled Retirement Date: FY05 Q4**
Human Resources Package	2	FY05 Q4	
Reference Package	1	FY00 Q2	
DOE-EMPRIS			**Scheduled Retirement Date: FY02 Q1**
Reference Package	2	FY02 Q1	
Reference Package	1	FY00 Q2	
DOE-ES&HMP			**Scheduled Retirement Date: FY05 Q4**
Budget Package	3	FY05 Q4	
Management Package	3	FY03 Q4	
Execution Work Management Package	3.1	FY03 Q3	
Execution Work Management Package	3	FY02 Q4	
Budget Package	1	FY02 Q2	
Execution Work Management Package	2	FY02 Q1	
Reference Package	1.1	FY01 Q2	
Execution Work Management Package	1	FY00 Q2	
DOE-ESDOCS			**Scheduled Retirement Date: FY02 Q4**
Support Services Package	2	FY02 Q4	
DOE-ETA			**Scheduled Retirement Date: FY00 Q2**
Reference Package	1	FY00 Q2	
DOE-FIMS			**Scheduled Retirement Date: FY02 Q1**
Reference Package	2	FY02 Q1	
DOE-FINWAREHOUSE			**Scheduled Retirement Date: FY05 Q4**
Budget Package	3	FY05 Q4	
Management Package	3	FY03 Q4	
Execution Work Management Package	3.1	FY03 Q3	
Budget Package	1	FY02 Q2	
Budget Package	2	FY02 Q1	
Reference Package	1.1	FY01 Q2	
Reference Package	1	FY00 Q2	
DOE-FTMS			**Scheduled Retirement Date: FY04 Q3**
Support Services Package	4	FY04 Q3	
Support Services Package	3	FY03 Q4	
DOE-PAMS			**Scheduled Retirement Date: FY03 Q4**
Support Services Package	3	FY03 Q4	

FY 2001 - FY 2005 STRATEGIC PLAN
DEVELOPMENT PROJECT / RETIREMENT PROJECT RELATIONSHIPS

DOE-PAYPERS			**Scheduled Retirement Date: FY05 Q4**
Human Resources Package	2	FY05 Q4	
Reference Package	1	FY00 Q2	
DOE-POPLIST			**Scheduled Retirement Date: FY00 Q2**
Reference Package	1	FY00 Q2	
DOE-TM			**Scheduled Retirement Date: FY04 Q3**
Support Services Package	4	FY04 Q3	
Support Services Package	3	FY03 Q4	
EPIC			**Scheduled Retirement Date: FY04 Q3**
Management Package	4	FY04 Q3	
Management Package	2	FY02 Q4	
ER13GRANT			**Scheduled Retirement Date: FY05 Q4**
Budget Package	3	FY05 Q4	
Management Package	3	FY03 Q4	
Execution Work Management Package	3.1	FY03 Q3	
Budget Package	1	FY02 Q2	
Execution Work Management Package	2	FY02 Q1	
Reference Package	1.1	FY01 Q2	
Execution Work Management Package	1	FY00 Q2	
ER14ALBUDGET			**Scheduled Retirement Date: FY03 Q4**
Management Package	3	FY03 Q4	
ER14ALDBBUDGET			**Scheduled Retirement Date: FY03 Q4**
Management Package	3	FY03 Q4	
Execution Work Management Package	2	FY02 Q1	
Execution Work Management Package	1	FY00 Q2	
ER15GRANT			**Scheduled Retirement Date: FY02 Q1**
Execution Work Management Package	2	FY02 Q1	
Execution Work Management Package	1	FY00 Q2	
ER222BUDGET			**Scheduled Retirement Date: FY05 Q4**
Budget Package	3	FY05 Q4	
Management Package	3	FY03 Q4	
Execution Work Management Package	3.1	FY03 Q3	
Budget Package	1	FY02 Q2	
Execution Work Management Package	2	FY02 Q1	
Reference Package	1.1	FY01 Q2	
Execution Work Management Package	1	FY00 Q2	
ER222HEPBUDGET			**Scheduled Retirement Date: FY05 Q4**
Budget Package	3	FY05 Q4	
Budget Package	1.1	FY02 Q2	
ER222RWBUDGET			**Scheduled Retirement Date: FY03 Q4**
Management Package	3	FY03 Q4	
ER222RWBUDGETPLN			**Scheduled Retirement Date: FY05 Q4**
Budget Package	3	FY05 Q4	
Execution Work Management Package	3.1	FY03 Q3	
Budget Package	1	FY02 Q2	
Execution Work Management Package	2	FY02 Q1	
Reference Package	1.1	FY01 Q2	
Execution Work Management Package	1	FY00 Q2	
ER224HEPWAT			**Scheduled Retirement Date: FY05 Q4**
Budget Package	3	FY05 Q4	
Execution Work Management Package	3.1	FY03 Q3	
Budget Package	1	FY02 Q2	

FY 2001 - FY 2005 STRATEGIC PLAN
DEVELOPMENT PROJECT / RETIREMENT PROJECT RELATIONSHIPS

ER224HEPWAT			**Scheduled Retirement Date: FY05 Q4**
Budget Package	2	FY02 Q1	
Reference Package	1.1	FY01 Q2	
Reference Package	1	FY00 Q2	
ER22UCIP			**Scheduled Retirement Date: FY03 Q4**
Management Package	3	FY03 Q4	
ER31AMISCFORM			**Scheduled Retirement Date: FY05 Q4**
Budget Package	3	FY05 Q4	
Management Package	3	FY03 Q4	
Budget Package	1.1	FY02 Q2	
Execution Work Management Package	2	FY02 Q1	
Execution Work Management Package	1	FY00 Q2	
ER32AIL			**Scheduled Retirement Date: FY02 Q1**
Support Services Package	1.1	FY02 Q1	
ER32LTRBUDGET			**Scheduled Retirement Date: FY05 Q4**
Budget Package	3	FY05 Q4	
Execution Work Management Package	3.1	FY03 Q3	
Budget Package	1	FY02 Q2	
Budget Package	2	FY02 Q1	
Reference Package	1.1	FY01 Q2	
Reference Package	1	FY00 Q2	
ER32LTRTT			**Scheduled Retirement Date: FY02 Q4**
Management Package	2	FY02 Q4	
Execution Work Management Package	2	FY02 Q1	
Execution Work Management Package	1	FY00 Q2	
ER32SSC			**Scheduled Retirement Date: FY03 Q4**
Management Package	3	FY03 Q4	
ER4IBCT			**Scheduled Retirement Date: FY02 Q4**
Management Package	2	FY02 Q4	
ER52TICKLER			**Scheduled Retirement Date: FY04 Q3**
Support Services Package	4	FY04 Q3	
ER53BUDGET			**Scheduled Retirement Date: FY05 Q4**
Budget Package	3	FY05 Q4	
Management Package	3	FY03 Q4	
Budget Package	1.1	FY02 Q2	
ER55BUDGET			**Scheduled Retirement Date: FY05 Q4**
Budget Package	3	FY05 Q4	
Execution Work Management Package	3.1	FY03 Q3	
Budget Package	1	FY02 Q2	
Budget Package	2	FY02 Q1	
Reference Package	1.1	FY01 Q2	
Reference Package	1	FY00 Q2	
ER55HOMEPG			**Scheduled Retirement Date: FY04 Q3**
Management Package	4	FY04 Q3	
Management Package	2	FY02 Q4	
ER55SDBUDGET			**Scheduled Retirement Date: FY05 Q4**
Budget Package	3	FY05 Q4	
Execution Work Management Package	3.1	FY03 Q3	
Budget Package	1	FY02 Q2	
Budget Package	2	FY02 Q1	
Reference Package	1.1	FY01 Q2	
Reference Package	1	FY00 Q2	

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ER55TOKBUDGET			**Scheduled Retirement Date: FY05 Q4**
Budget Package	3	FY05 Q4	
Budget Package	1.1	FY02 Q2	
ER63ACBUDGET			**Scheduled Retirement Date: FY05 Q4**
Budget Package	3	FY05 Q4	
Management Package	3	FY03 Q4	
Execution Work Management Package	3.1	FY03 Q3	
Budget Package	1	FY02 Q2	
Budget Package	2	FY02 Q1	
Reference Package	1.1	FY01 Q2	
Reference Package	1	FY00 Q2	
ER63BUDGET			**Scheduled Retirement Date: FY03 Q4**
Management Package	3	FY03 Q4	
ER63DHBUDGET			**Scheduled Retirement Date: FY03 Q4**
Management Package	3	FY03 Q4	
ER63JCBUDGET			**Scheduled Retirement Date: FY03 Q4**
Management Package	3	FY03 Q4	
ER70BUDGET			**Scheduled Retirement Date: FY05 Q4**
Budget Package	3	FY05 Q4	
Management Package	3	FY03 Q4	
Budget Package	1.1	FY02 Q2	
ER70CONTACT			**Scheduled Retirement Date: FY02 Q4**
Support Services Package	2	FY02 Q4	
Reference Package	2	FY02 Q1	
Reference Package	1	FY00 Q2	
ER72CORE			**Scheduled Retirement Date: FY05 Q4**
Budget Package	3	FY05 Q4	
Management Package	3	FY03 Q4	
Budget Package	1.1	FY02 Q2	
ER72HSRD			**Scheduled Retirement Date: FY04 Q3**
Management Package	4	FY04 Q3	
ER74ESDBUDGET			**Scheduled Retirement Date: FY05 Q4**
Budget Package	3	FY05 Q4	
Management Package	3	FY03 Q4	
Budget Package	1.1	FY02 Q2	
Execution Work Management Package	2	FY02 Q1	
Execution Work Management Package	1	FY00 Q2	
ER74GCDB			**Scheduled Retirement Date: FY02 Q4**
Support Services Package	2	FY02 Q4	
ER74HPAL			**Scheduled Retirement Date: FY02 Q4**
Support Services Package	2	FY02 Q4	
Reference Package	1	FY00 Q2	
ER74IAPB			**Scheduled Retirement Date: FY03 Q4**
Management Package	3	FY03 Q4	
ER74PADB			**Scheduled Retirement Date: FY02 Q4**
Execution Work Management Package	3	FY02 Q4	
Execution Work Management Package	1	FY00 Q2	
ER74RCESRS			**Scheduled Retirement Date: FY02 Q1**
Execution Work Management Package	2	FY02 Q1	
Execution Work Management Package	1	FY00 Q2	
ER74RCSS			**Scheduled Retirement Date: FY02 Q4**
Execution Work Management Package	3	FY02 Q4	

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ER74RCSS			**Scheduled Retirement Date: FY02 Q4**
Execution Work Management Package	2	FY02 Q1	
Execution Work Management Package	1	FY00 Q2	
ER8CONTRACT			**Scheduled Retirement Date: FY03 Q4**
Management Package	3	FY03 Q4	
ERATS			**Scheduled Retirement Date: FY02 Q1**
Support Services Package	1.1	FY02 Q1	
ERCAL			**Scheduled Retirement Date: FY03 Q4**
Support Services Package	3	FY03 Q4	
FMIS			**Scheduled Retirement Date: FY05 Q4**
Budget Package	3	FY05 Q4	
Management Package	3	FY03 Q4	
Execution Work Management Package	3.1	FY03 Q3	
Budget Package	1	FY02 Q2	
Execution Work Management Package	2	FY02 Q1	
Reference Package	1.1	FY01 Q2	
Execution Work Management Package	1	FY00 Q2	
Helpdesk			**Scheduled Retirement Date: FY02 Q4**
Management Package	2	FY02 Q4	
INVEN			**Scheduled Retirement Date: FY03 Q4**
Support Services Package	3	FY03 Q4	
IPS			**Scheduled Retirement Date: FY03 Q4**
Management Package	3	FY03 Q4	
Execution Work Management Package	3	FY02 Q4	
Execution Work Management Package	2	FY02 Q1	
Execution Work Management Package	1	FY00 Q2	
KEYWORD			**Scheduled Retirement Date: FY02 Q1**
Support Services Package	1.1	FY02 Q1	
Lab-Base			**Scheduled Retirement Date: FY05 Q1**
Human Resources Package	1	FY05 Q1	
Management Package	4	FY04 Q3	
Management Package	2	FY02 Q4	
Reference Package	2	FY02 Q1	
Execution Work Management Package	1	FY00 Q2	
LAS			**Scheduled Retirement Date: FY02 Q4**
Execution Work Management Package	3	FY02 Q4	
Execution Work Management Package	2	FY02 Q1	
Execution Work Management Package	1	FY00 Q2	
LDRD			**Scheduled Retirement Date: FY02 Q4**
Execution Work Management Package	3	FY02 Q4	
Execution Work Management Package	2	FY02 Q1	
Reference Package	1	FY00 Q2	
OMAIS			**Scheduled Retirement Date: FY05 Q4**
Human Resources Package	2	FY05 Q4	
Reference Package	1	FY00 Q2	
PHONE-ER			**Scheduled Retirement Date: FY00 Q2**
Reference Package	1	FY00 Q2	
RIMS			**Scheduled Retirement Date: FY04 Q3**
Management Package	4	FY04 Q3	
Execution Work Management Package	3	FY02 Q4	
Execution Work Management Package	2	FY02 Q1	
Execution Work Management Package	1	FY00 Q2	

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ROUTSLIP			Scheduled Retirement Date: **FY02 Q1**
Support Services Package	1.1	FY02 Q1	
SAM			Scheduled Retirement Date: **FY02 Q1**
Support Services Package	1.1	FY02 Q1	
SBIR			Scheduled Retirement Date: **FY04 Q3**
Management Package	4	FY04 Q3	
Execution Work Management Package	3	FY02 Q4	
Reference Package	2	FY02 Q1	
Execution Work Management Package	1	FY00 Q2	
SBIRMAIL			Scheduled Retirement Date: **FY02 Q4**
Execution Work Management Package	3	FY02 Q4	
Execution Work Management Package	1	FY00 Q2	
STTR			Scheduled Retirement Date: **FY04 Q3**
Management Package	4	FY04 Q3	
Execution Work Management Package	3	FY02 Q4	
Reference Package	2	FY02 Q1	
Execution Work Management Package	1	FY00 Q2	
VMS			Scheduled Retirement Date: **FY04 Q3**
Management Package	4	FY04 Q3	
Support Services Package	2	FY02 Q4	